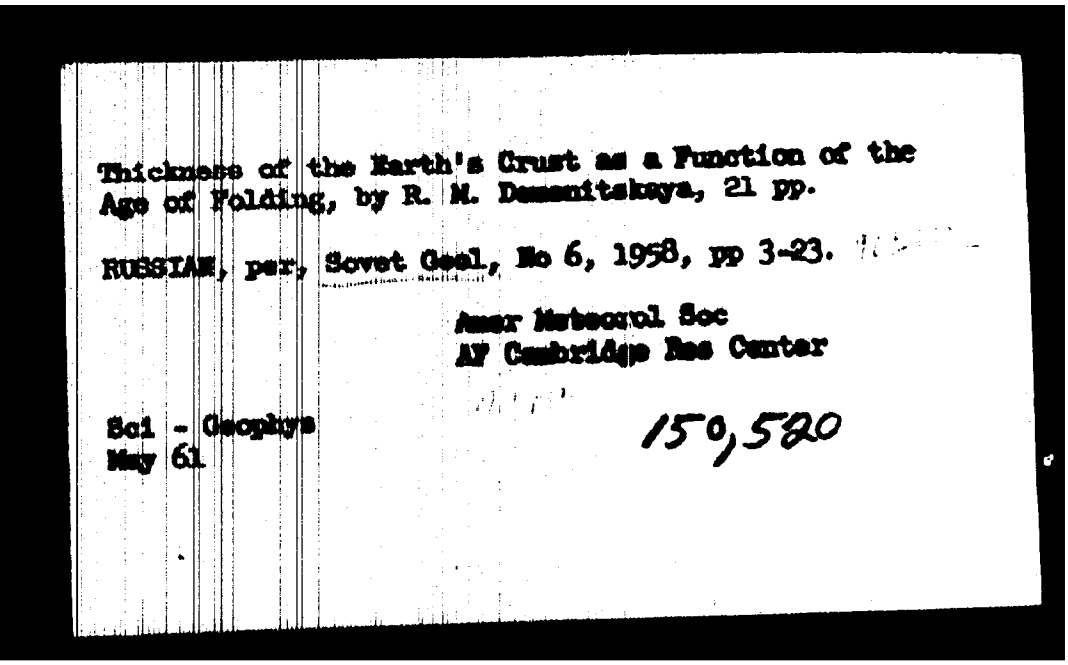
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1



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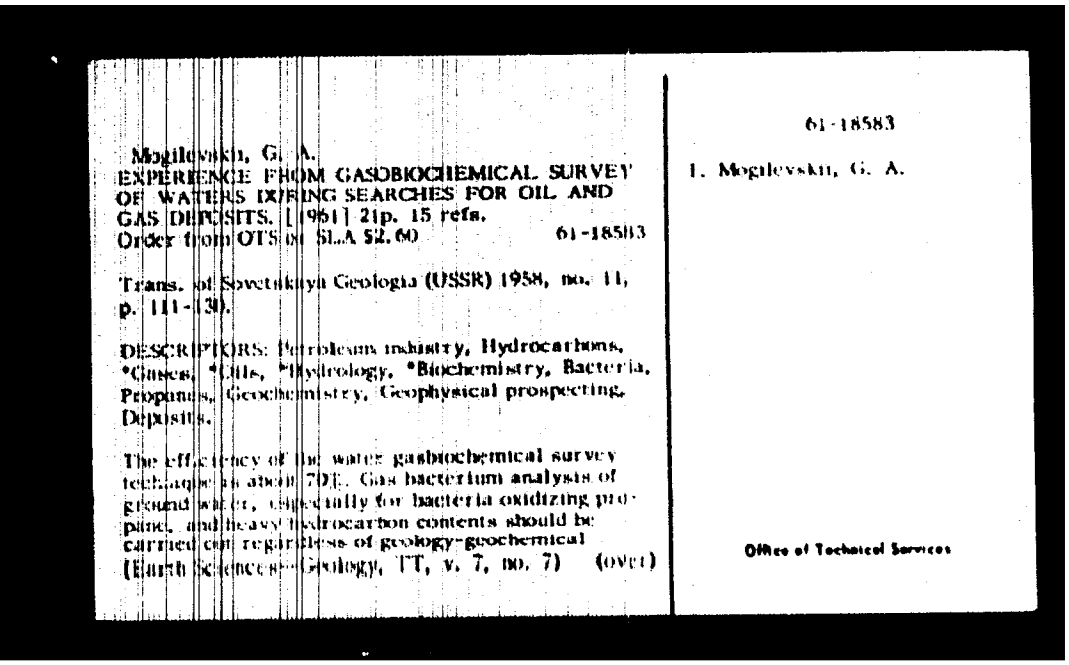

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Order from OTS or SLA $2.60 61-18583

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DESCRIPTORS: Petroleum industry, Hydrocarbons, *Gases, *Oils, *Hydrology, *Biochemistry, Bacteria, Propanes, Geochemistry, Geophysical prospecting, Deposits.

The efficiency of the water gasbiochemical survey technique is about 70%. Gas bacterium analysis of ground water, especially for bacteria oxidizing propane, and heavy hydrocarbon contents should be carried out regardless of geology-geochemical (Earth Sciences--Geology, TT, v. 7, no. 7) (over)

61-18583

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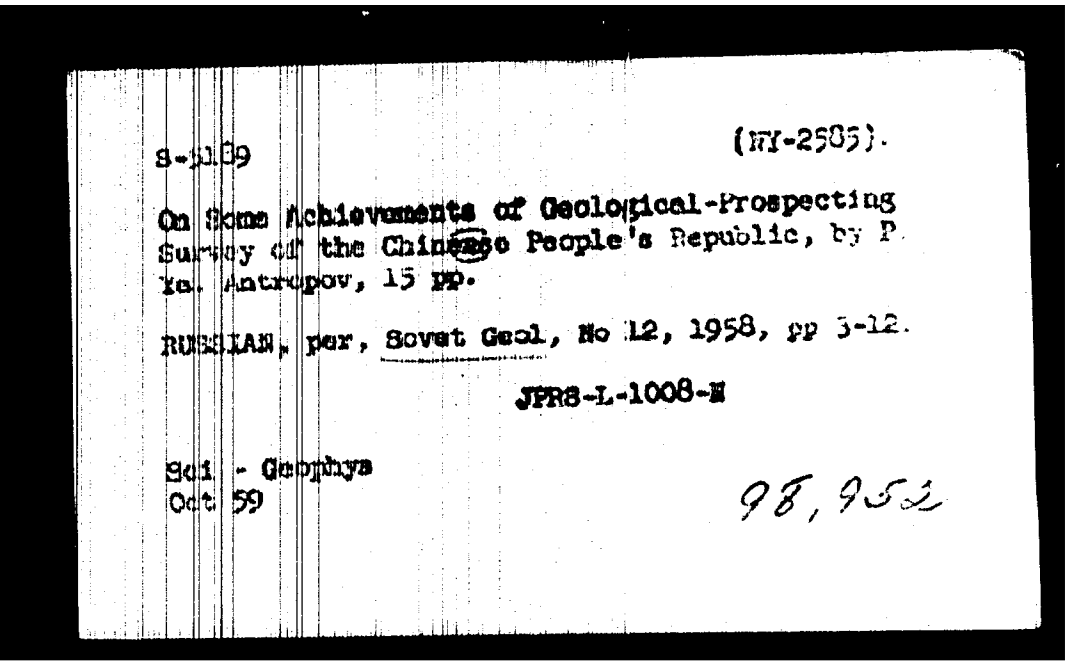

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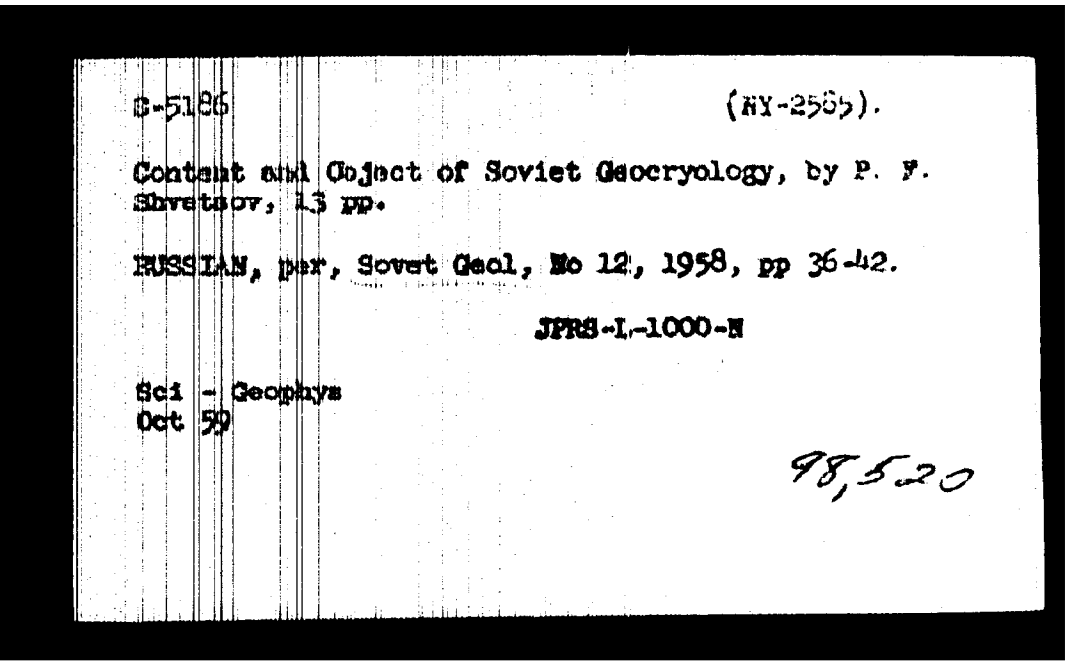

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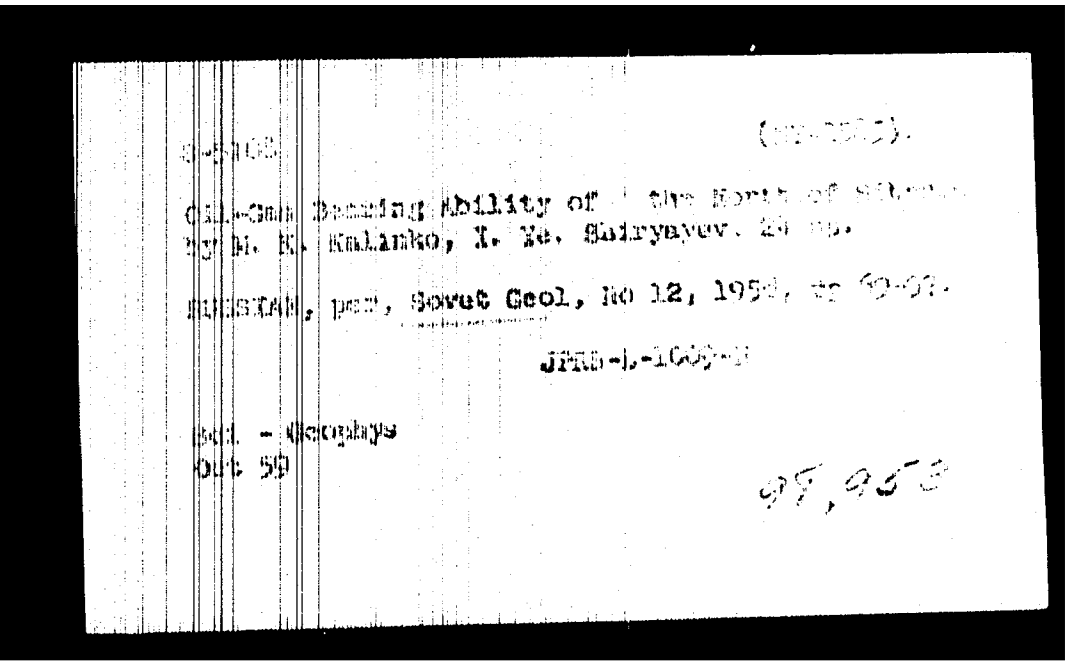

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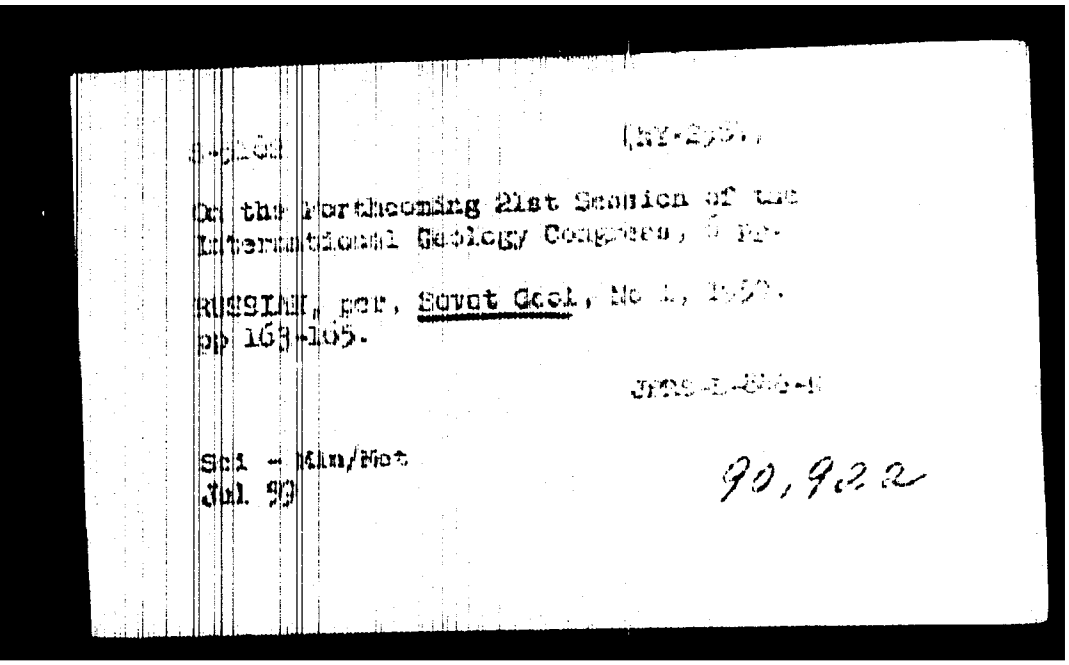

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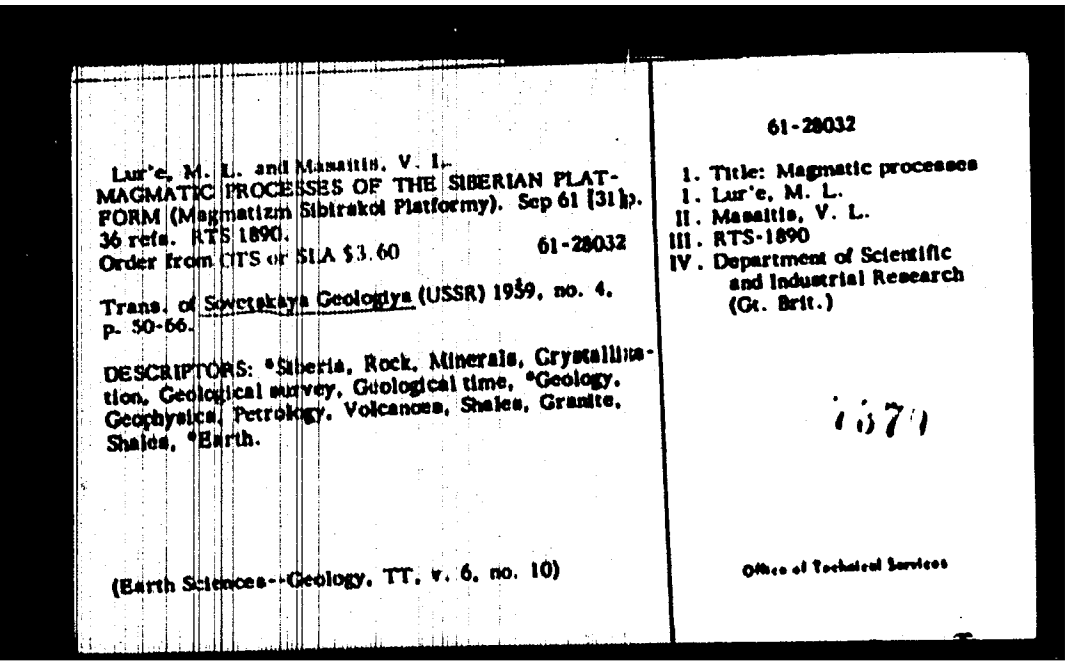

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Order from CTS or SLA $3.60 61-28032

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DESCRIPTORS: *Siberia, Rock, Minerals, Crystallization, Geological survey, Geological time, *Geology, Geophysical, Petrology, Volcanoes, Shales, Granite, Shales, *Earth.

(Earth Sciences--Geology, TT, v. 6, no. 10)

61-28032

1. Title: Magmatic processes
I. Lur'e, M. L.
II. Masaitis, V. L.
III. RTS-1890
IV. Department of Scientific and Industrial Research (Gt. Brit.)

1871

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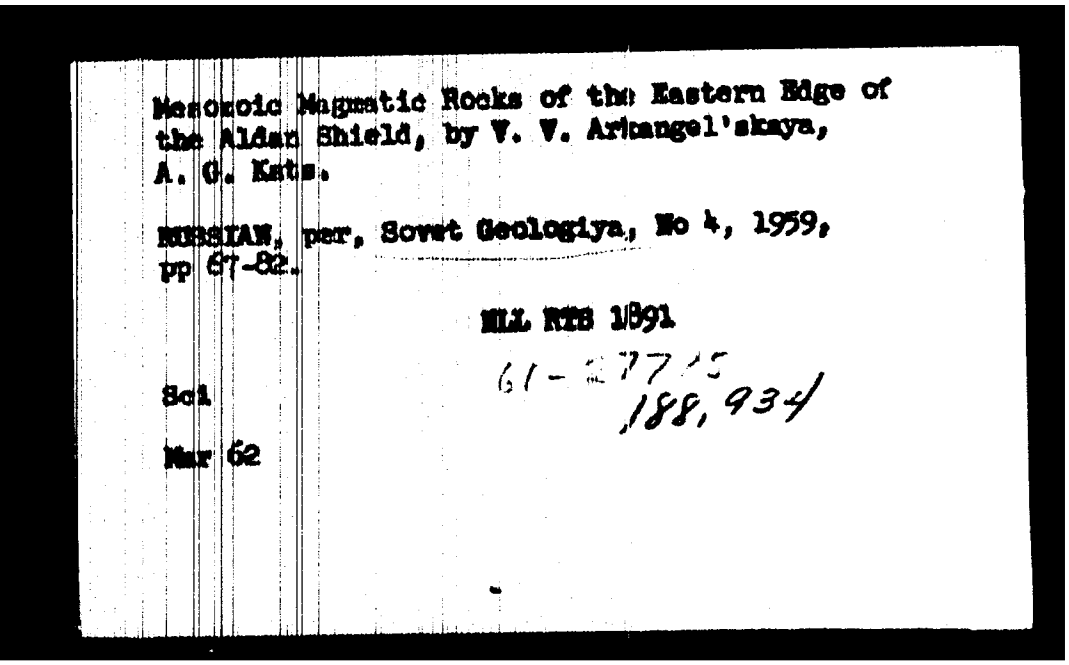

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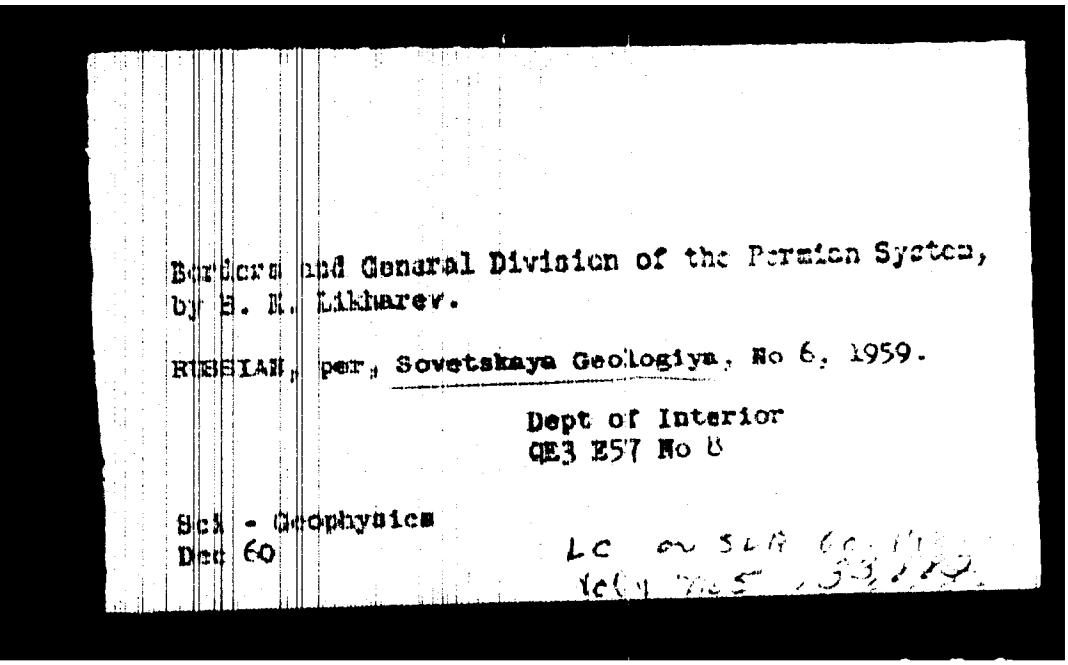

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Sci - Geophys, Geology
Feb 60

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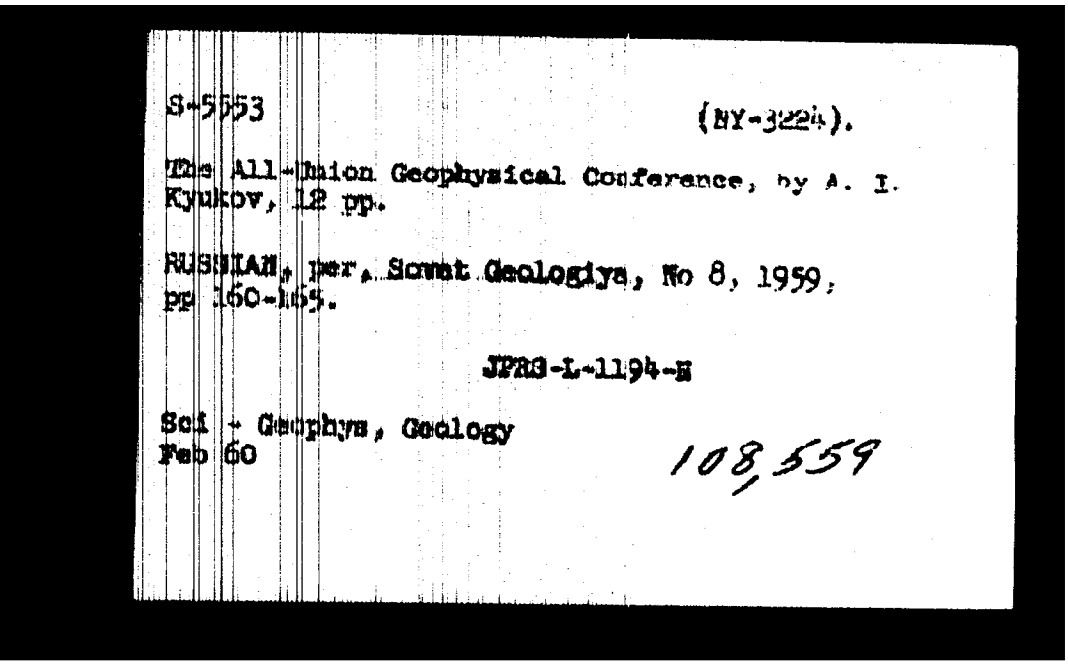

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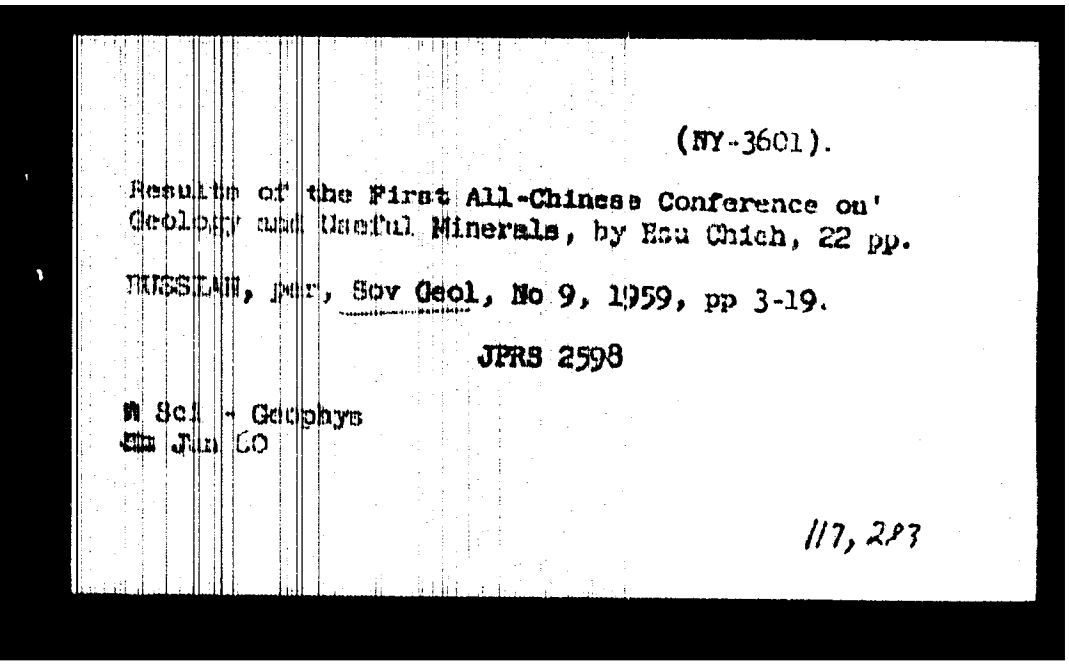

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JPRS 3135

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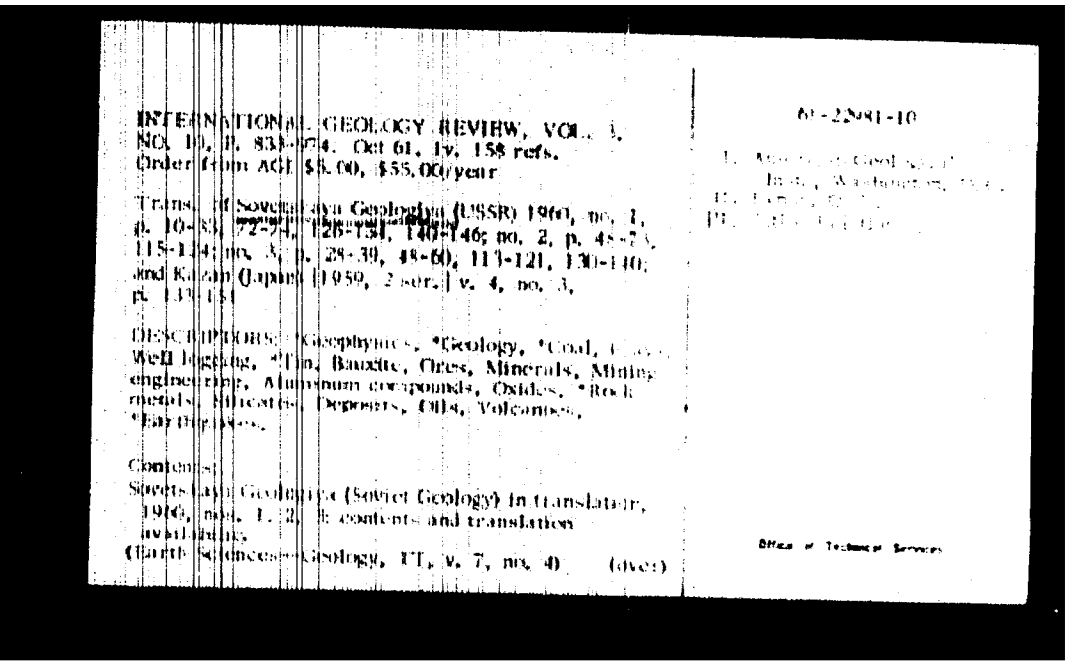

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Trans. of Sovetskaya Geologiya (USSR) 1960, no. 1, p. 10-83, 72-74, 126-131, 140-146; no. 2, p. 48-73, 115-124; no. 3, p. 28-30, 48-60, 113-121, 130-140; and Kozan (Japan) 1959, 2 ser., v. 4, no. 3, p. 137-151.

DESCRIPTORS: Geophysics, *Geology, *Coal, [illegible], Well logging, *Tin, Bauxite, Ores, Minerals, Mining engineering, Aluminum compounds, Oxides, *Rock chemistry, Silicates, Deposits, Oils, Volcanoes, *Earth physics.

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1. [illegible]
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JPRS 5306

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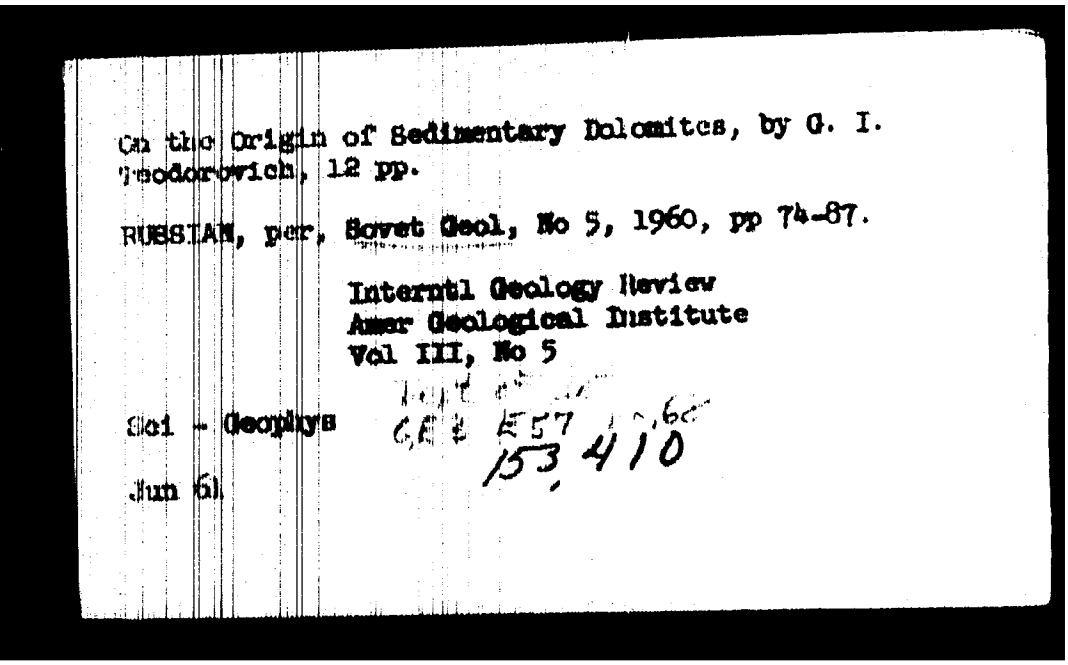

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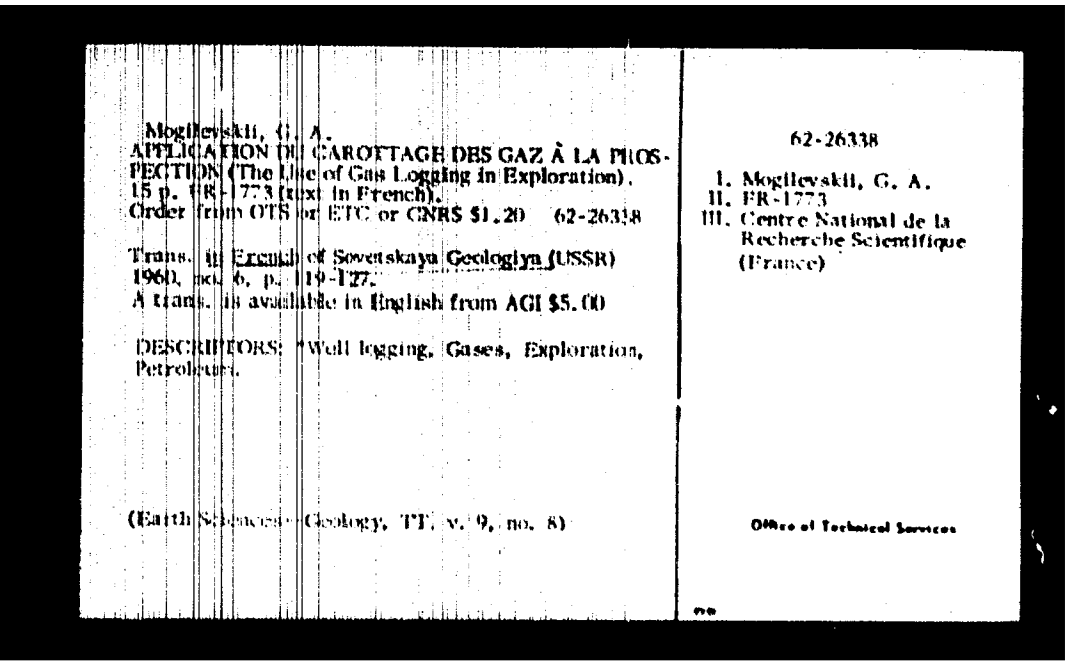

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15 p. FR-1773 (text in French).
Order from OTS or ETC or CNRS $1.20 62-26338

Trans. in Engish of Sovetskaya Geologiya (USSR) 1960, no. 6, p. 119-127.
A trans. is available in English from AGI $5.00

DESCRIPTORS: *Well logging, Gases, Exploration, Petroleum.

(Earth Sciences - Geology, TT, v. 9, no. 8)

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I. Mogilevskii, G. A.
II. FR-1773
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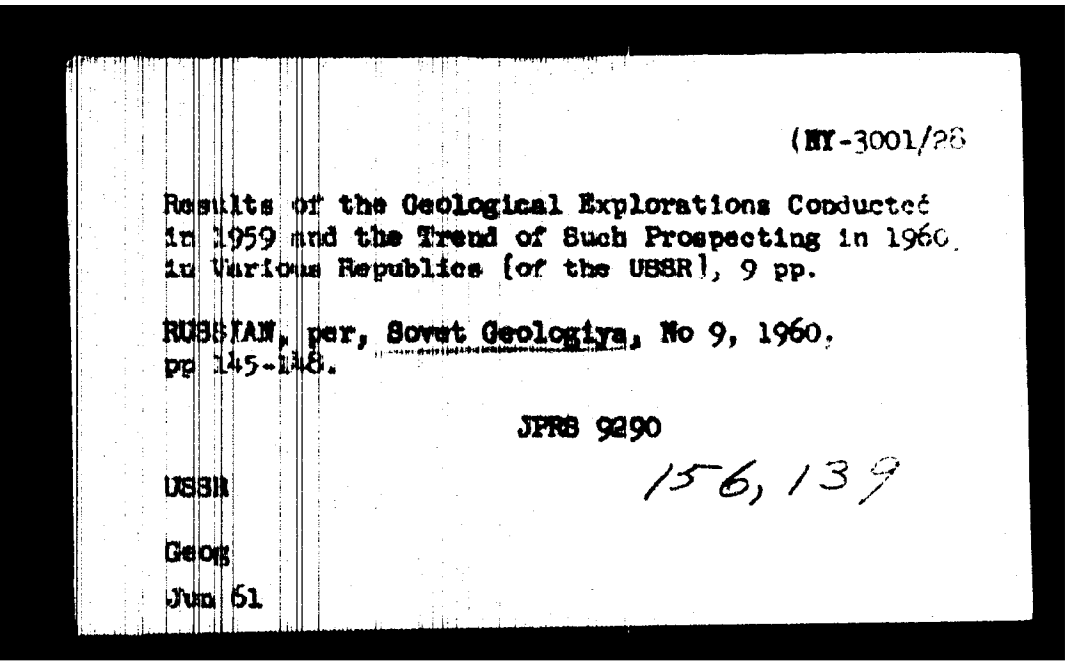

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JPRS 9290

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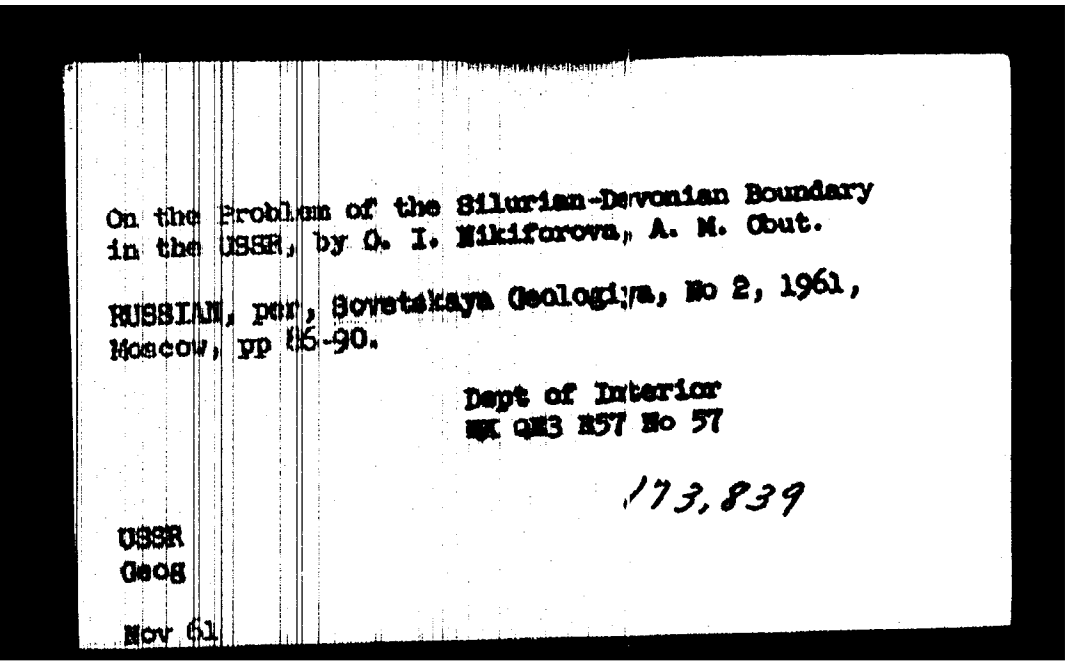

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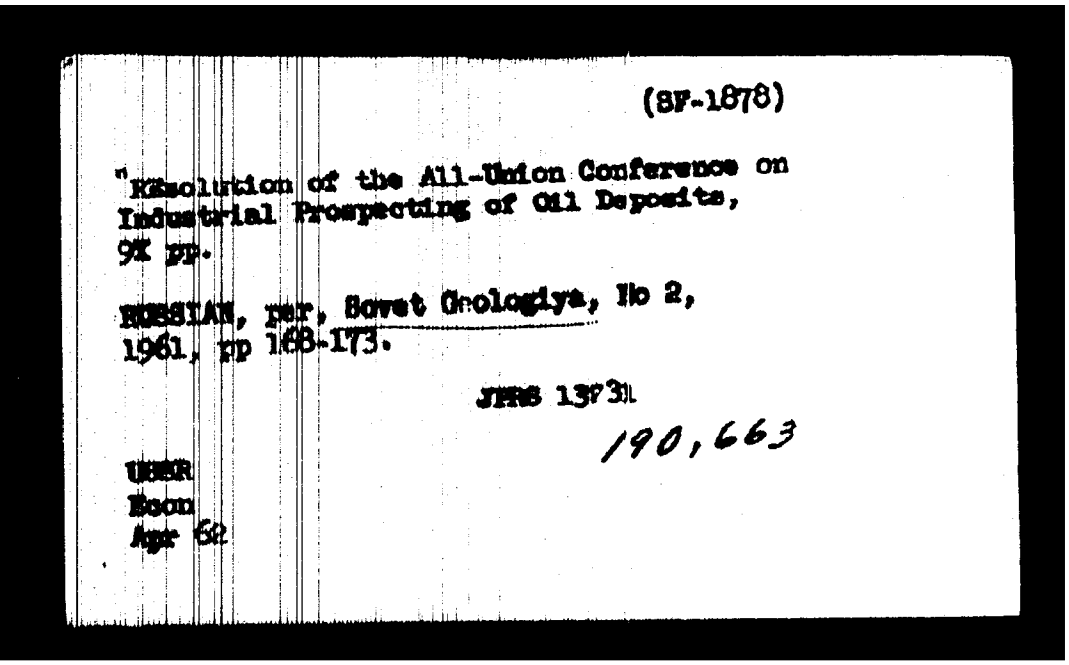

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JPRS 13731

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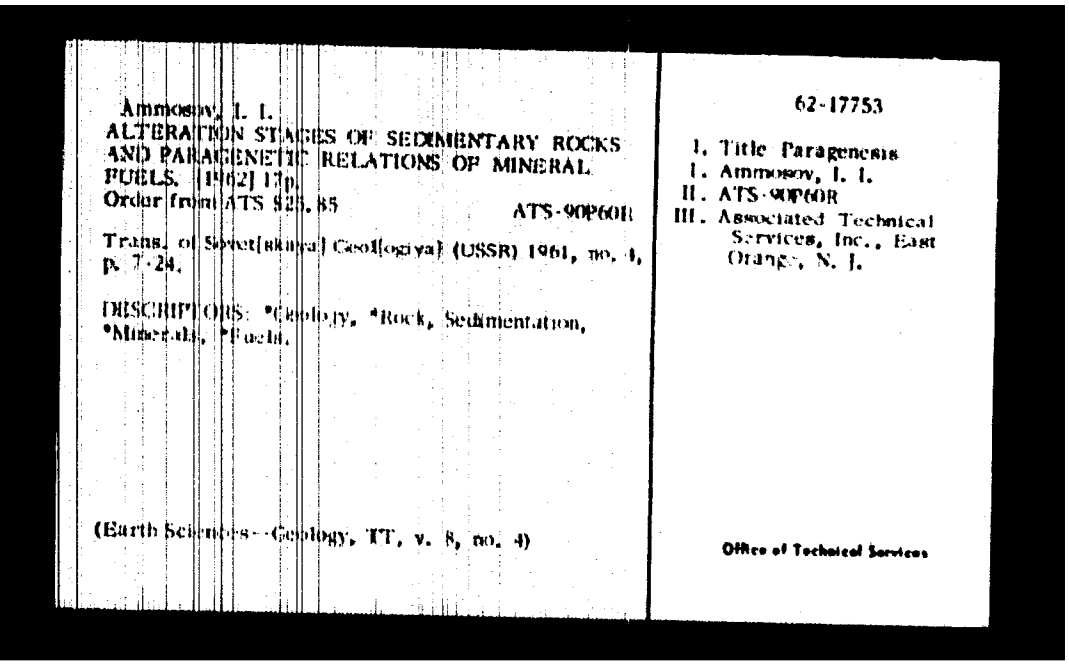

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ALTERATION STAGES OF SEDIMENTARY ROCKS AND PARAGENETIC RELATIONS OF MINERAL FUELS. [1962] 17p.
Order from ATS $25.85 ATS-90P60R

Trans. of Sovet[skaya] Geol[ogiya] (USSR) 1961, no. 4, p. 7-24.

[DESCRIP]ORS: *Geology, *Rock, Sedimentation, *Minerals, *Fuels.

(Earth Sciences--Geology, TT, v. 8, no. 4)

62-17753

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I. Ammosov, I. I.
II. ATS-90P60R
III. Associated Technical Services, Inc., East Orange, N. J.

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Rezanov, I. A.
ON THE DRIFT OF CONTINENTS. 5 July 61, 58p. 44 refs.
Order from OTS or SL - $5.60 61-27335

Trans. of [Sovetskaya] Geologiya (USSR) 1961, no. 4, p. 25-45.

DESCRIPTORS: *Paleoecology, *Geology, *Geological time, Errors, Stability, Magnetic fields, Earth, Terrain, *Terrestrial magnetism, Rock.

First approximation paleomagnetic measurements agree with the results of the algeoclimate reconstruction. It is impossible to prove a relative movement of continents (mainlands) on the basis of paleomagnetic data for the following reasons: the accuracy of paleomagnetic measurements is very low and allows to determine only transferences as great as 2000 km and (Earth Sciences: Geology, TT, v. 7, no. 9) (over)

61-27335

1. Title: Continental drift
2. Title: Wegeners hypothesis
I. Rezanov, I. A.
II. Geological Survey of Canada

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Trans. of Sovetskaya Geologiya (USSR) 1961, no. 4, p. 60-85; no. 7, p. 34-45, 58-106, 134-144; Neftyanoe Khozyaistvo (USSR) [1961] v. 39, no. 2, p. 8-10.

DESCRIPTORS: *Geology, Periodicals, Stratigraphy, Structural geology, Geophysics, Oils, Deposits, Bauxite, Sulfides, Geochemistry, Cases, Reviews, Reports, Scientific organizations.

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1. American Geological Inst., Washington, D. C.

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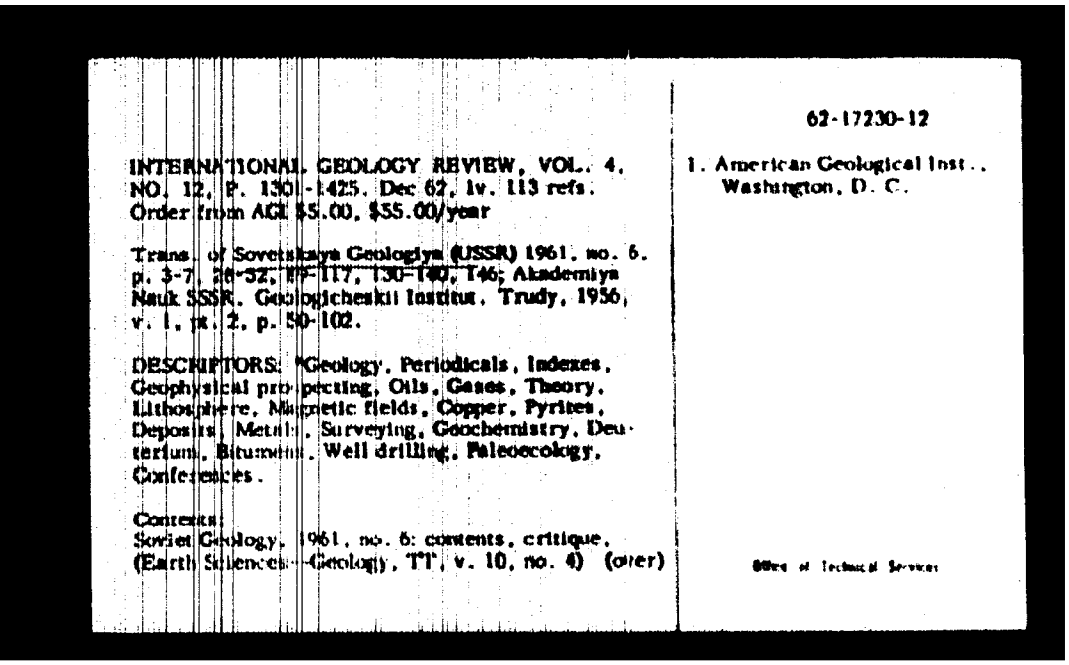

62-17230-12

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DESCRIPTORS: *Geology, Periodicals, Indexes, Geophysical prospecting, Oils, Gases, Theory, Lithosphere, Magnetic fields, Copper, Pyrites, Deposits, Metals, Surveying, Geochemistry, Deuterium, Bitumens, Well drilling, Paleoecology, Conferences.

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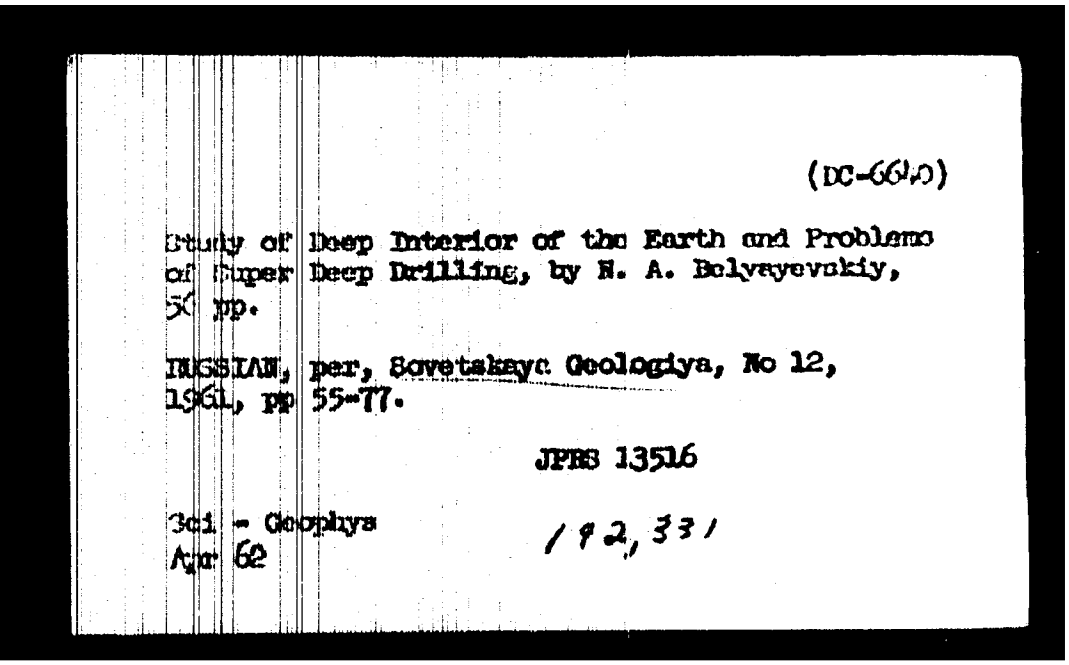

(DC-6640)

Study of Deep Interior of the Earth and Problems of Super Deep Drilling, by N. A. Belyayevskiy, 50 pp.

RUSSIAN, per, Sovetskaya Geologiya, No 12, 1961, pp 55-77.

JPRS 13516

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192,331

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

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INTERNATIONAL GEOLOGY REVIEW, VOL. 5, NO. 9, P. 1071-1242. Sep 63. 1v. 232refs
Order from AGI $5.00, $55.00/year

Trans. of Sovetskaya Geologiya (USSR) 1962, no. 2, p. 3-16, 61-79, 100-121; no. 3, p. 3-67-118, 128-135; Akademiya Nauk SSSR. Paleontologicheskii Institut. Trudy, 1960, v. 83, p. 64-106.
##Another trans. of p. 108-118 is available from OTS $0.50 as TT-63-21986, JPRS-19567, 5 June 63, 16p.

Separate entries have been prepared for the individual articles included in this issue.

DESCRIPTORS: *Geology, Periodicals, Reviews.

(Earth Sciences--Geology, TT, v.11, no. 4)

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1 International Geological Inst., Washington, D.C.

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Ovanesov, G. P. and Khat'yanov, F. I.
PROSPECTS OF OIL DEPOSITS IN THE BASKIR-ORENBURG AND AKTYUBINSK REGIONS OF THE URALS: POSSIBLE EXTENSION OF THE SAKMARA-ARTA REEFS INTO THE AREA (Perspektivy Gazoneftenosnosti Bashkiriako-Orenburgskogo i Aktyubinskogo Priural'ya v Svyazi s Vozmozhnym Prodolzheniem v Ikh Predely Sakmaro-Artinskikh Rifov). Sep 63, 10p 22refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 9, p. 1077-1086.

Trans. of Sovetskaya Geologiya (USSR) 1962, no. 2, p. 3-16. (Abstract available)

DESCRIPTORS: *Economic geology, *Oils, Deposits, *Structural geology, *Geophysical prospecting, Geophysics, Geology.

Geophysical and geological evidence indicates that the (Earth Sciences--Geology, TT, v. 11, no. 4) (over)

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(i. 1077-1086)

I. Ovanesov, G. P.
II. Khat'yanov, F. I.
III. International Geological Inst., Washington, D. C.

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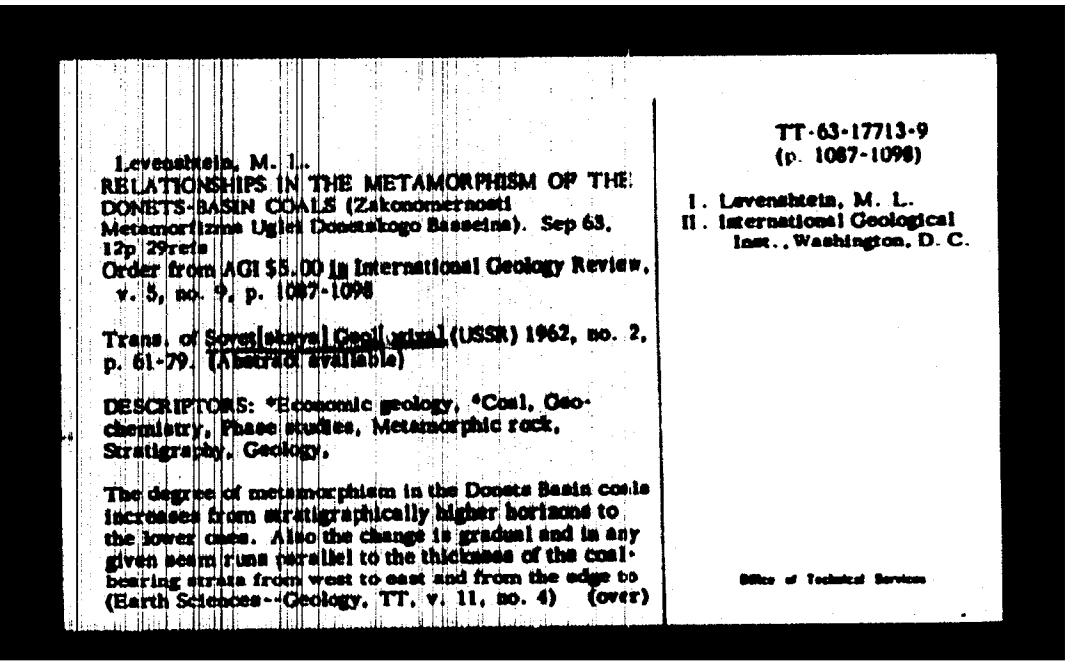

Levenshtein, M. L.
RELATIONSHIPS IN THE METAMORPHISM OF THE DONETS-BASIN COALS (Zakonomernosti Metamorfizma Ugley Donetskogo Basseina). Sep 63. 12p 29refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 9, p. 1087-1098

Trans. of Sovetskaya Geologiya (USSR) 1962, no. 2, p. 61-79. (Abstract available)

DESCRIPTORS: *Economic geology, *Coal, Geochemistry, Phase studies, Metamorphic rock, Stratigraphy, Geology.

The degree of metamorphism in the Donets Basin coals increases from stratigraphically higher horizons to the lower ones. Also the change is gradual and in any given seam runs parallel to the thickness of the coal-bearing strata from west to east and from the edge to
(Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-17713-9
(p. 1087-1098)

I. Levenshtein, M. L.
II. International Geological Inst., Washington, D. C.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

Yushko, S. A.
A NEW GENETIC CLASSIFICATION OF THE TEXTURES AND STRUCTURES OF ORES (Novaya Geneticheskaya Klassifikatsiya Tekstur i Struktur Rud). Sep 63. 15p 35refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 9, p. 1099-1113

Trans. of Sovetskaya Geologiya (USSR) 1962, no. 2, p. 100-121. (Author's abstract)

DESCRIPTORS: *Economic geology, *Petrology, *Ores (Metal sources), Physical properties, Classification, Minerals.

A new classification of ore textures and structures based on conditions of formation is presented. Tables of textures and structures permit tabulation of particular deposits. Typical textures and structures are (Earth Sciences--Geology, TT, v. 11, no. 4) (over)

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(p. 1099-1113)

I. Yushko, S. A.
II. International Geological Inst., Washington, D. C.

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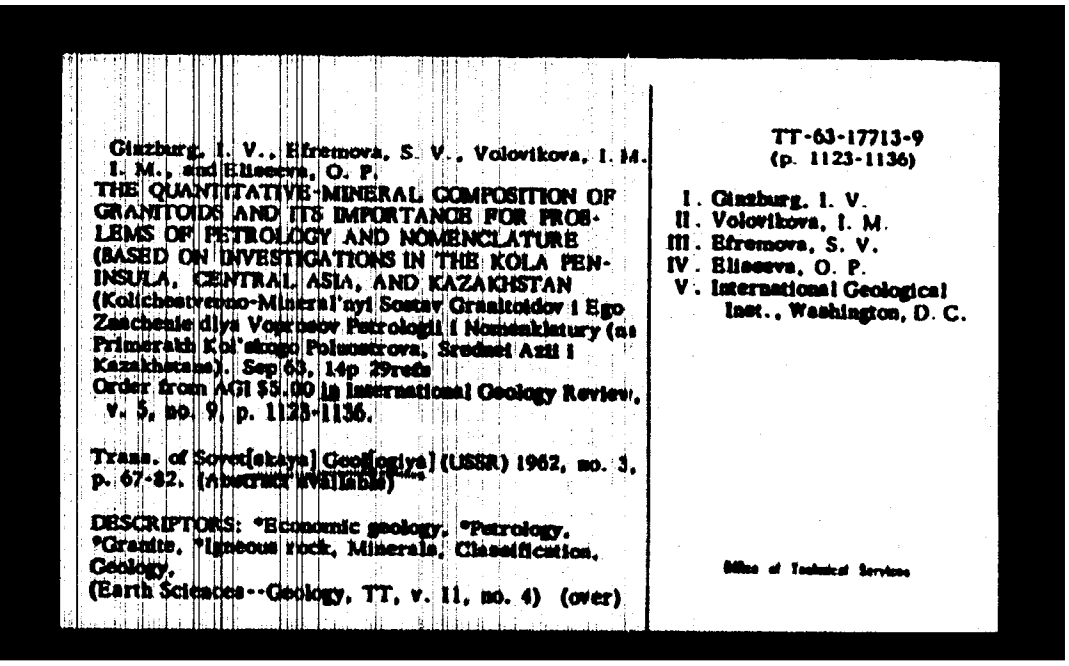

Ginzburg, I. V., Efremova, S. V., Volovikova, I. M. I. M., and Eliseeva, O. P.
THE QUANTITATIVE-MINERAL COMPOSITION OF GRANITOIDS AND ITS IMPORTANCE FOR PROBLEMS OF PETROLOGY AND NOMENCLATURE (BASED ON INVESTIGATIONS IN THE KOLA PENINSULA, CENTRAL ASIA, AND KAZAKHSTAN (Kolichestvenno-Mineral'nyi Sostav Granitoidov i Ego Znachenie dlya Voprosov Petrologii i Nomenklatury (na Primerakh Kol'skogo Poluostrova, Srednei Azii i Kazakhstana). Sep 63, 14p 29refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 9, p. 1123-1136.

Trans. of Sovet[skaya] Geol[ogiya] (USSR) 1962, no. 3, p. 67-82. (Abstract available)

DESCRIPTORS: *Economic geology, *Petrology, *Granite, *Igneous rock, Minerals, Classification, Geology.
(Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-17713-9
(p. 1123-1136)

I. Ginzburg, I. V.
II. Volovikova, I. M.
III. Efremova, S. V.
IV. Eliseeva, O. P.
V. International Geological Inst., Washington, D. C.

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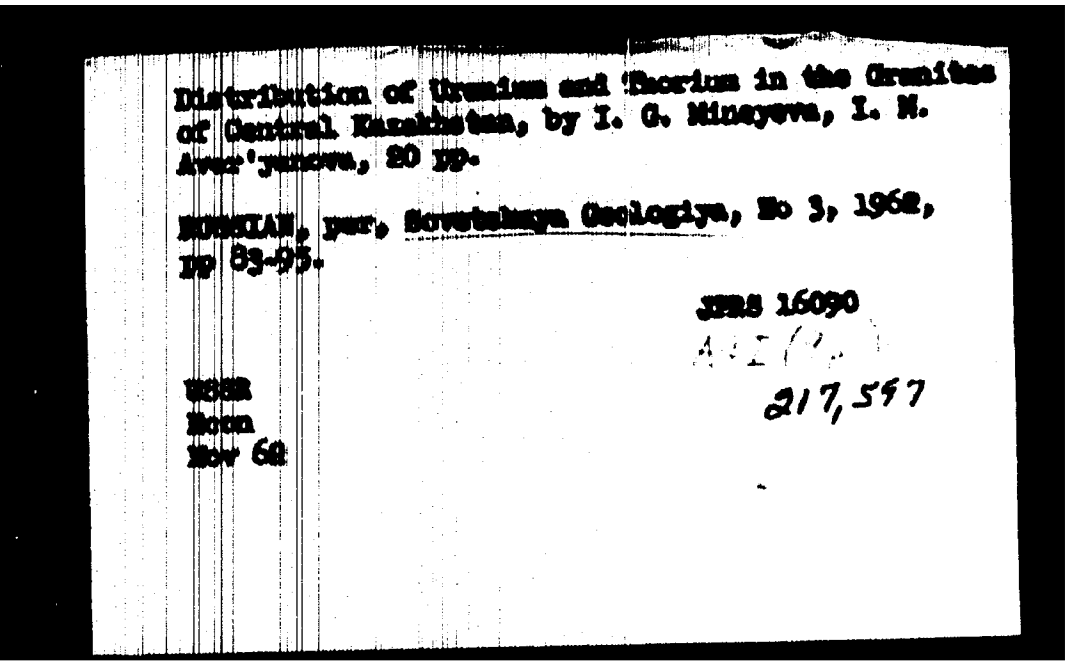

Distribution of Uranium and Thorium in the Granites of Central Kazakhstan, by I. G. Mineyeva, I. N. Aver'yanova, 20 pp.

KAZAKH, per, Sovetskaya Geologiya, No 3, 1962, pp 83-95.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

Kapchenko, L. N.
THE NATURE OF ABYSSAL CHLORIDE BRINES (O Prirode Khloridnykh Glubinnykh Rassolov). Sep 63, 10p 61refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 9, p. 1137-1146.

Trans. of Sovetskaya Geologiya (USSR) 1962, no. 3, p. 96-107. (Abstract available)

DESCRIPTORS: Sodium compounds, *Chlorides, *Salts, Minerals, *Geochemistry, Geology,

Highly mineralized, largely sodium-chloride type, brines in deep artesian basins are similar in composition to the mineralized abyssal hydrothermal waters of present day volcanic regions as well as the material impounded in liquid inclusions of minerals. It is also well established that present brines are very similar to hydrothermal ore-forming solutions. Some highly con-
(Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-17713-9
(p. 1137-1146)

I. Kapchenko, L. N.
II. International Geological Inst., Washington, D. C.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

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Gainanov, A. G. and Smirnov, L. P.
THE STRUCTURE OF THE EARTH'S CRUST IN THE TRANSITIONAL AREA BETWEEN THE ASIAN CONTINENT AND THE PACIFIC OCEAN (Stroenie Zemnoi Kory v Oblasti Perekhoda ot Aziatskogo Kontinenta k Tikhomu Okeanu). Sep 63, 9p 28refs Order from AGI $5.00 in International Geology Review, v. 5, no. 9, p. 1147-1155

Trans. of Sovetskaya Geologiya (USSR) 1962, no. 3, p. 108-118. (Abstract available)
Another trans. is available from OTS $0.50 as TT-63-21986, JPRS-19567, 5 June 63, 16p.

DESCRIPTORS: *Stratigraphy, Earth, Structural geology, Lithosphere, *Asia, *Pacific Ocean, Geophysics, *Geology.

Geophysical investigation in the Sea of Okhotsk, the Kuril-Kamchatka area, and the adjacent parts of the (Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-17713-9
(p. 1147-1155)

I. Gainanov, A. G.
II. Smirnov, L. P.
III. International Geological Inst., Washington, D. C.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

Seidov, A. G. and Kotel'nikov, D. D.
RELATION BETWEEN THE COMPOSITION AND MORPHOLOGIC CHARACTERISTICS OF ARGILLACEOUS MINERALS AND ACCUMULATION CONDITIONS OF THE MAYKOPIAN DEPOSITS OF AZERBAYDZHAN (Zavisimost' Sostava i Morfologicheskikh Osobennostey Glinistykh Mineral ov Usloviy Nakopleniya Maikopskikh Otlozheniy Azerbaidzhana). Sep 63, 8p 19refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 9, p. 1156-1163.

Trans. of Sovetskaya Geologiya (USSR) 1962, no. 11, p. 128-135. (Abstract available)

DESCRIPTORS: *Economic geology, *Petrology, *Clay minerals, Geochemistry, Geology.

The morphology and composition of the clay minerals which occur in the Tertiary Maykopian formation of the (Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-17713-9
(p. 1156-1163)

I. Seidov, A. G.
II. Kotel'nikov, D. D.
III. International Geological Inst., Washington, D. C.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

Kosov, B. M.
PRINCIPAL RESULTS OF GEOLOGIC EXPLORATION IN SIBERIA AND THE PROSPECTS OF ITS FURTHER DEVELOPMENT. Oct 63, 7p
Order from ACI $5.00 in International Geology Review, v. 5, no. 10, p. 1290-1296

Trans. of Sovet[skaya] Geologiya] (USSR) 1962 [v. 5] no. 4, p. 3-14. (Abstract Available)
A partial trans. (p. 9-10) is available from OTS $1.10 in TT-63-21525, JPRS-18563, 5 Apr 63, 5lp; (p. 10-14) from OTS or SLA $2.60 in TT-63-15367, JPRS-17311, 28 Jan 63 [30p].

DESCRIPTORS: *Economic geology, *Natural resources, Geophysical prospecting, Geology, Siberia.

The progress of several types of geologic and geophysical surveying in Siberia during the last few years (Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-17713-10
(p. 1290-1296)

I. Kosov, B. M.
II. International Geological Inst., Washington, D. C.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810024-1

Kudrin, V. S.
ALKALIC INTRUSIONS IN THE NORTHEAST OF TUVA. Oct 63, 10p 11refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 10, p. 1280-1289.

Trans. of Sovetskaya Geologiya (USSR) 1962 [v. 5] no. 4, p. 40-52. (Abstract available)

DESCRIPTORS: *Petrology, *Geochemistry, Rock (Geology), Granite, Igneous rock, Geology.

Limited geologic and petrographic data and rather extensive chemical data are presented for several of the alkalic and associated masses of Tuva. The alkalic rocks and middle Paleozoic granites of the Syutkhol' intrusive complex were genetically related as well as nearly contemporaneous. It is concluded that the alkalic rocks are differentiates of a granitic magma during the late stages of middle Paleozoic igneous
(Earth Sciences--Geology, TT, v. 11, no. 4)

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(p. 1280-1289)

I. Kudrin, V. S.
II. International Geological Inst., Washington, D. C.

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Komarov, A. G.
MAGNETIC INTENSITY AND CHEMICAL COMPOSITION OF NONCONTEMPORANEOUS BASIC EFFUSIVES IN CERTAIN MOBILE BELTS AND PLATFORMS. Oct 63. 11p 20refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 10, p. 1297-1307.

Trans. of Sovet[skaya] Geol[ogiya] (USSR) 1962 [v. 5] no. 4, p. 77-92. (Abstract available)

DESCRIPTORS: *Geochemistry, *Geophysics, Petrology, Rock (Geology), Geology, Structural geology, *Magnetism.

Results of a comparative study of magnetic properties and the petrochemical composition of noncontemporaneous effusives may be applied in differentiating their primary and diagenetic varieties, epicontinental (platform) and geosynclinal formations, and ore-contact (Earth Sciences--Geology, TT, v. 11, no. 4) (over)

TT-63-17713-10
(p. 1297-1307)

I. Komarov, A. G.
II. International Geological Inst., Washington, D. C.

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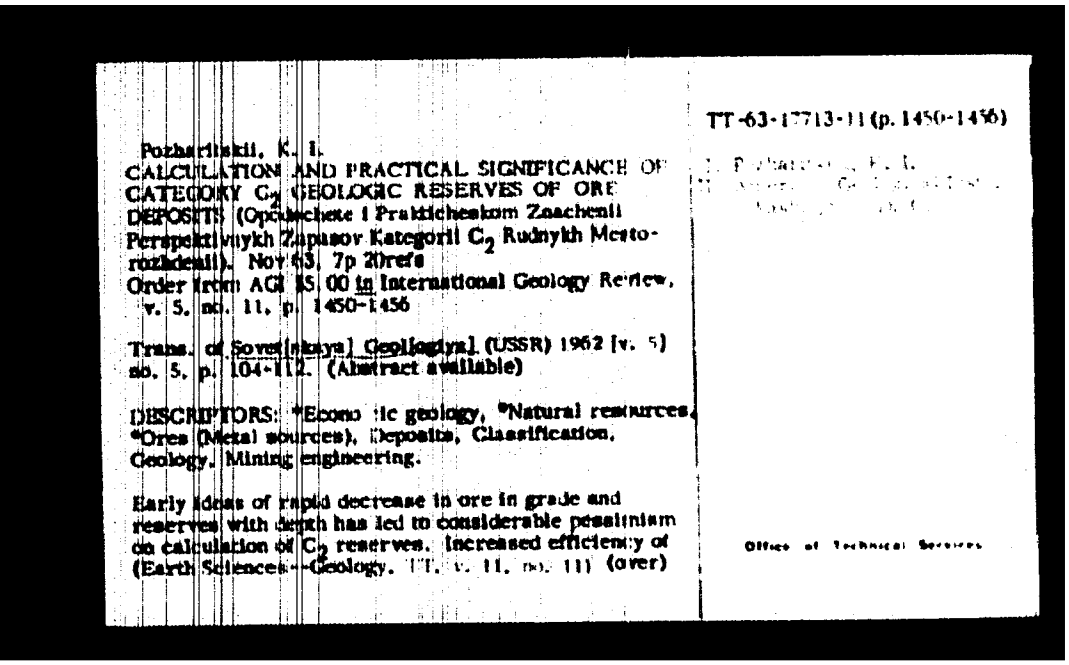

Pozharitskii, K. I.
CALCULATION AND PRACTICAL SIGNIFICANCE OF CATEGORY C_2 GEOLOGIC RESERVES OF ORE DEPOSITS (Opredelenie i Prakticheskom Znachenii Perspektivnykh Zapasov Kategorii C_2 Rudnykh Mestorozhdenii). Nov 63, 7p 20refs
Order from AGI $5.00 in International Geology Review, v. 5, no. 11, p. 1450-1456

Trans. of Sovetskaya Geologiya (USSR) 1962 [v. 5] no. 5, p. 104-112. (Abstract available)

DESCRIPTORS: *Economic geology, *Natural resources, *Ores (Metal sources), Deposits, Classification, Geology, Mining engineering.

Early ideas of rapid decrease in ore in grade and reserves with depth has led to considerable pessimism on calculation of C_2 reserves. Increased efficiency of (over)

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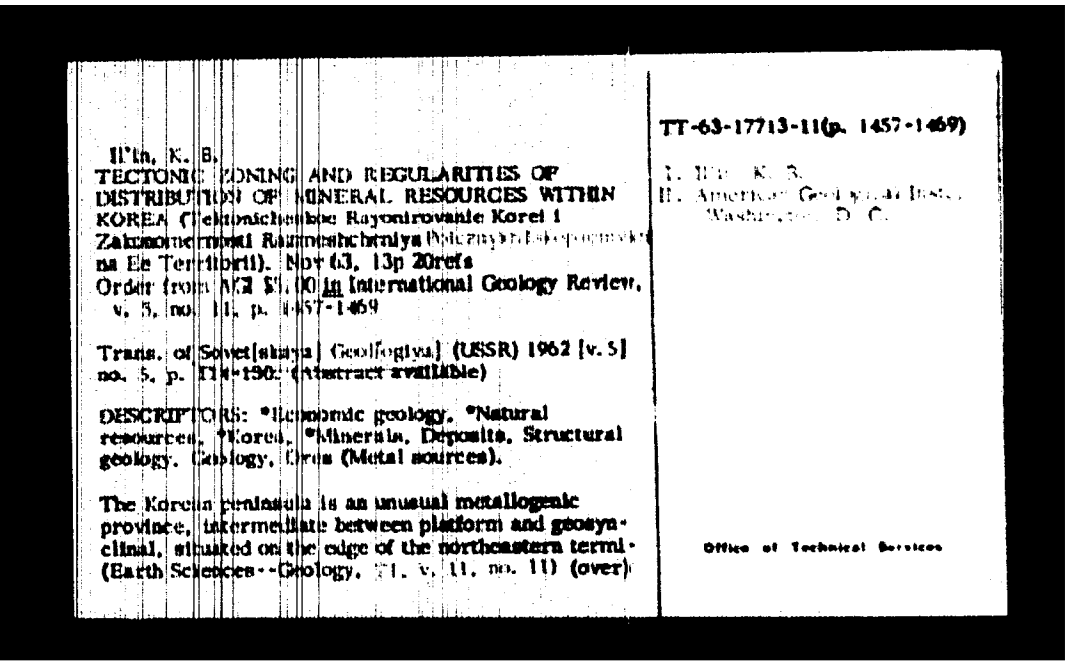

Il'in, K. B.
TECTONIC ZONING AND REGULARITIES OF DISTRIBUTION OF MINERAL RESOURCES WITHIN KOREA (Tektonicheskoe Rayonirovanie Korei i Zakonomernosti Razmeshcheniya Poleznykh Iskopaemykh na Ee Territorii). Nov 63, 13p 20refs
Order from ARS $1.00 in International Geology Review, v. 5, no. 11, p. 1457-1469

Trans. of Sovet[skaya] Geologiya] (USSR) 1962 [v. 5] no. 5, p. 178-190. (Abstract available)

DESCRIPTORS: *Economic geology, *Natural resources, *Korea, *Minerals, Deposits, Structural geology, Geology, Ores (Metal sources).

The Korean peninsula is an unusual metallogenic province, intermediate between platform and geosynclinal, situated on the edge of the northeastern termi- (Earth Sciences--Geology, T1, v, 11, no. 11) (over)

TT-63-17713-11(p. 1457-1469)

I. Il'in, K. B.
II. American Geological Institute, Washington, D. C.

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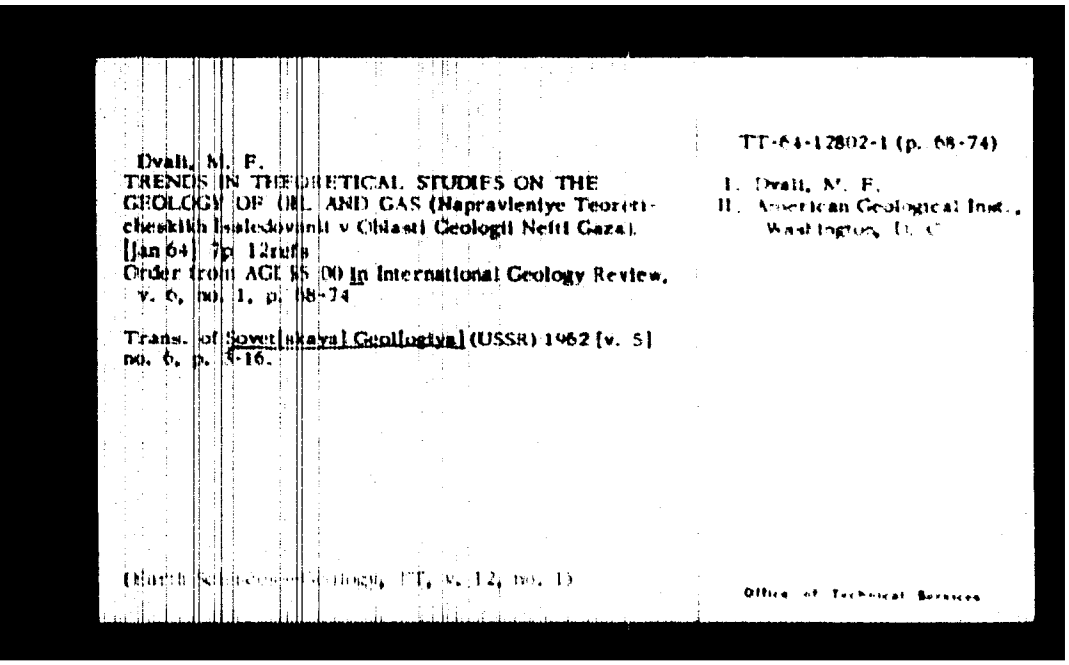

Dvali, M. F.
TRENDS IN THEORETICAL STUDIES ON THE GEOLOGY OF OIL AND GAS (Napravleniye Teoreticheskikh Issledovaniy v Oblasti Geologii Nefti Gaza).
[Jan 64] 7p 12rufs
Order from AGI $5.00 In International Geology Review, v. 6, no. 1, p. 68-74

Trans. of Sovetskaya Geologiya (USSR) 1962 [v. 5] no. 6, p. 5-16.

TT-64-12802-1 (p. 68-74)

I. Dvali, M. F.
II. American Geological Inst., Washington, D. C.

(North Sci. Geology, TT, v. 12, no. 1)

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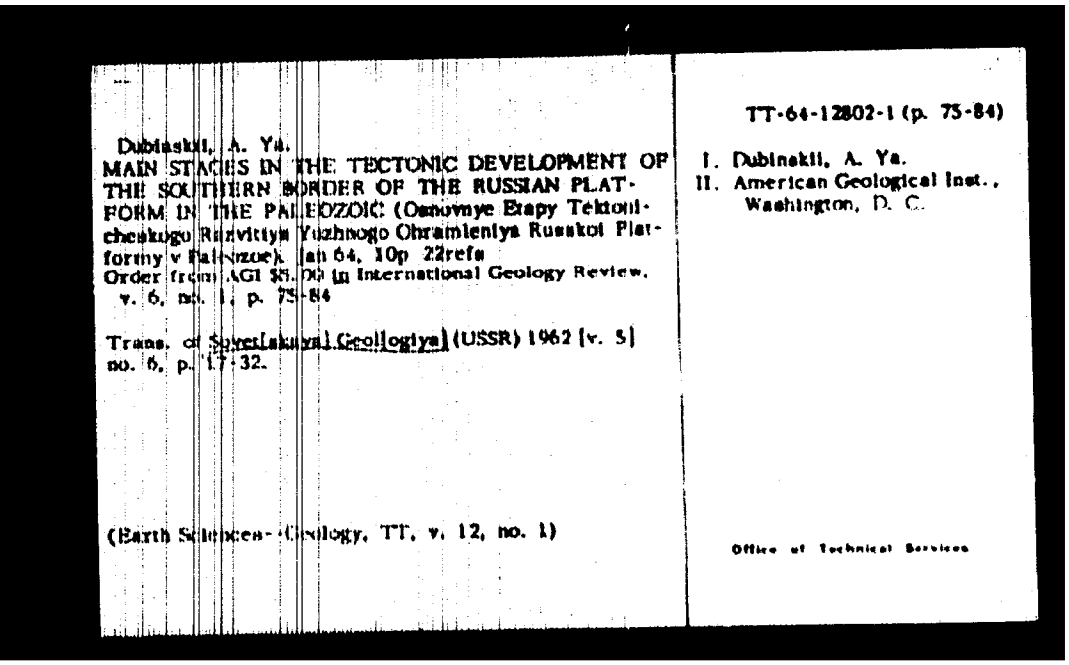

Dubinskii, A. Ya.
MAIN STAGES IN THE TECTONIC DEVELOPMENT OF THE SOUTHERN BORDER OF THE RUSSIAN PLATFORM IN THE PALEOZOIC (Osnovnye Etapy Tektonicheskogo Razvitiya Yuzhnogo Obramleniya Russkoi Platformy v Paleozoe). Jan 64, 10p 22refs
Order from: AGI $5.00 in International Geology Review, v. 6, no. 1, p. 75-84

Trans. of Sovetskaya Geologiya (USSR) 1962 [v. 5] no. 6, p. 17-32.

(Earth Sciences--Geology, TT, v. 12, no. 1)

TT-64-12802-1 (p. 75-84)

I. Dubinskii, A. Ya.
II. American Geological Inst., Washington, D. C.

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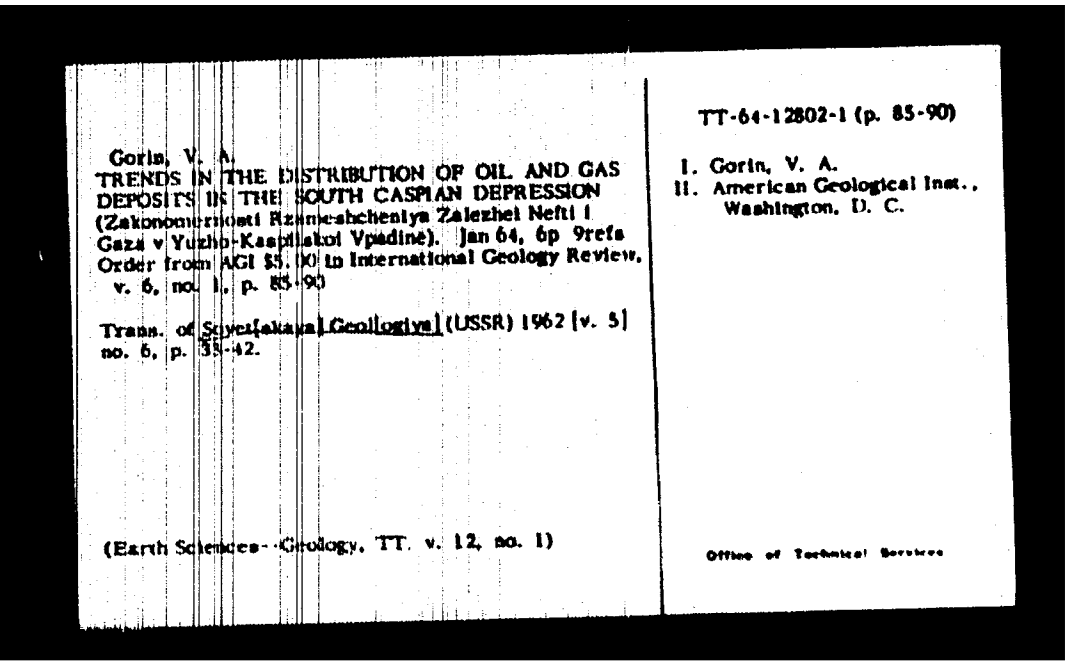

Gorin, V. A.
TRENDS IN THE DISTRIBUTION OF OIL AND GAS DEPOSITS IN THE SOUTH CASPIAN DEPRESSION (Zakonomernosti Razmeshchenya Zalezhei Nefti i Gaza v Yuzhno-Kaspiiskoi Vpadine). Jan 64, 6p 9refs Order from AGI $5.00 in International Geology Review, v. 6, no. 1, p. 85-90)

Trans. of Sovetskaya Geologiya (USSR) 1962 [v. 5] no. 6, p. 35-42.

(Earth Sciences--Geology, TT. v. 12, no. 1)

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I. Gorin, V. A.
II. American Geological Inst., Washington, D. C.

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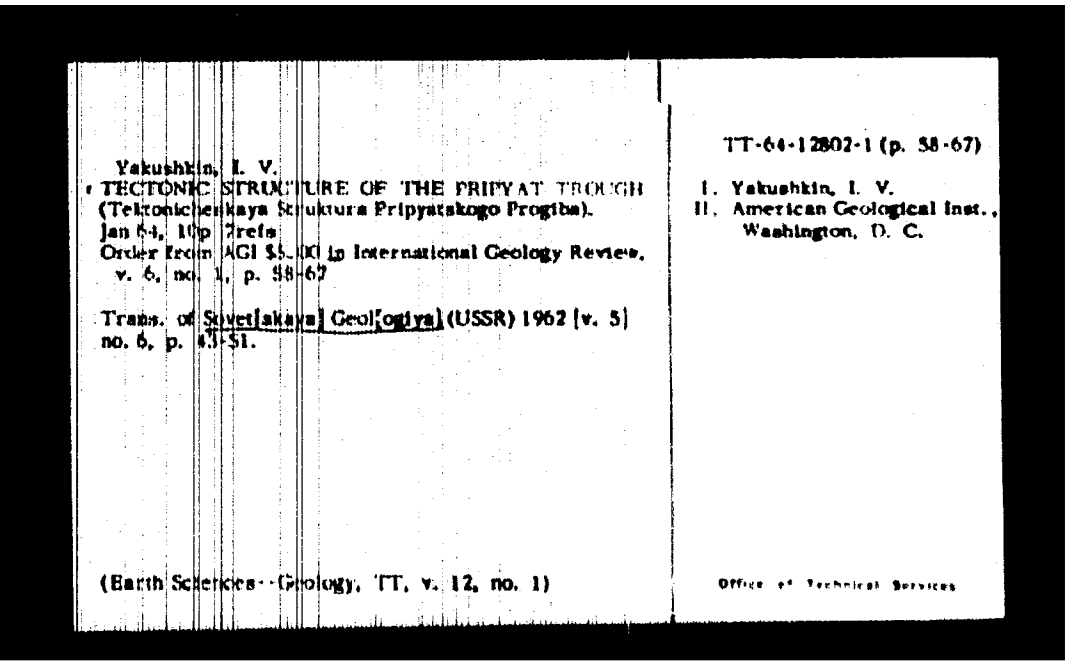

Yakushkin, I. V.
TECTONIC STRUCTURE OF THE PRIPYAT TROUGH
(Tektonicheskaya Struktura Pripyatskogo Progiba).
Jan 64, 11p 7refs
Order from AGI $5.00 in International Geology Review,
v. 6, no. 1, p. 58-67

Trans. of Sovetskaya Geologiya (USSR) 1962 [v. 5]
no. 6, p. 43-51.

(Earth Sciences--Geology, TT, v. 12, no. 1)

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I. Yakushkin, I. V.
II. American Geological Inst.,
Washington, D. C.

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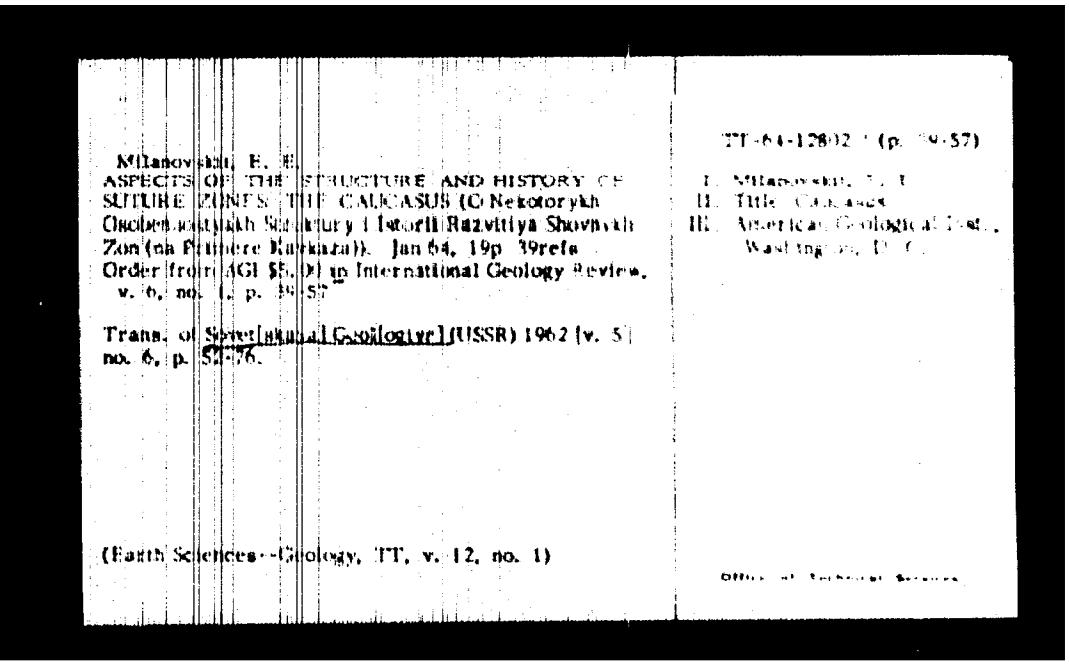

Milanovskii, E. E.
ASPECTS OF THE STRUCTURE AND HISTORY OF SUTURE ZONES. THE CAUCASUS (O Nekotorykh Osobennostyakh Stroyeniya i Istorii Razvitiya Shovnykh Zon (na Primere Kavkaza)). Jan 64, 19p 39refs
Order from AGI $5.00 in International Geology Review, v. 6, no. 1, p. 39-57

Trans. of Sovetskaya Geologiya [USSR] 1962 [v. 5] no. 6, p. 52-76.

(Earth Sciences--Geology, TT, v. 12, no. 1)

TT-64-12812 (p. 39-57)

I. Milanovskii, E. E.
II. Title (Caucasus)
III. American Geological Inst., Washington, D. C.

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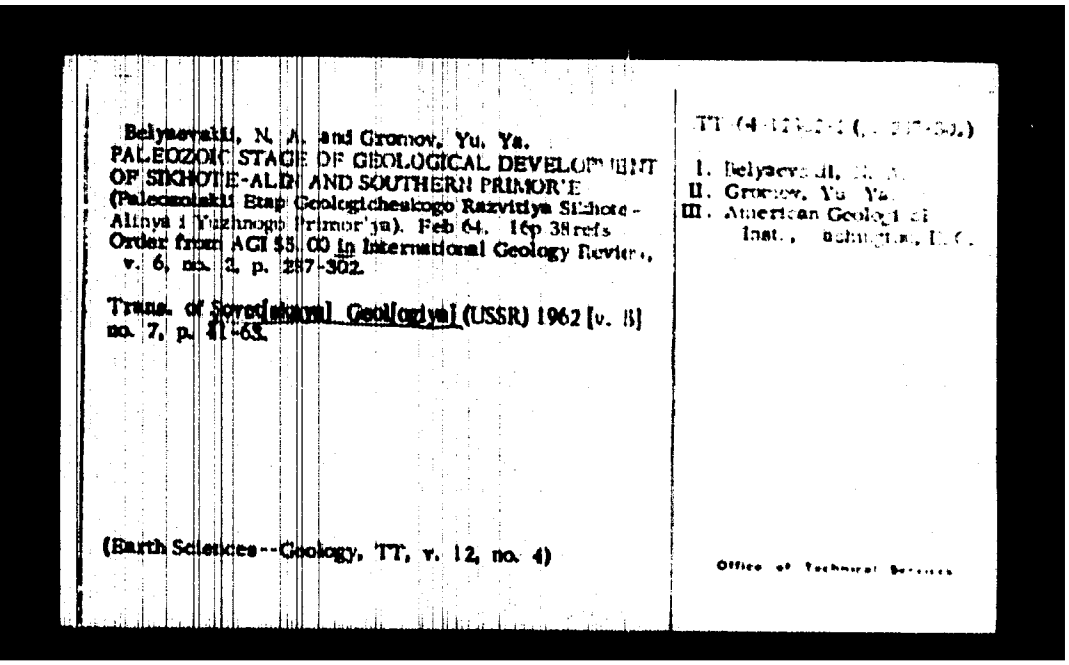

Belyaevskii, N. A. and Gromov, Yu. Ya.
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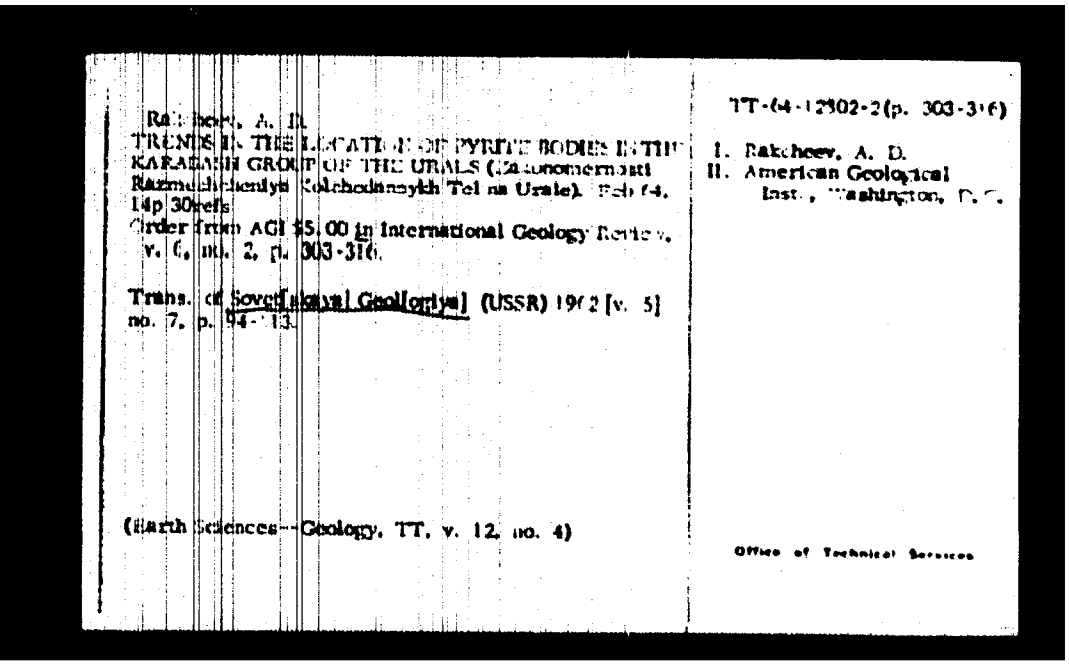

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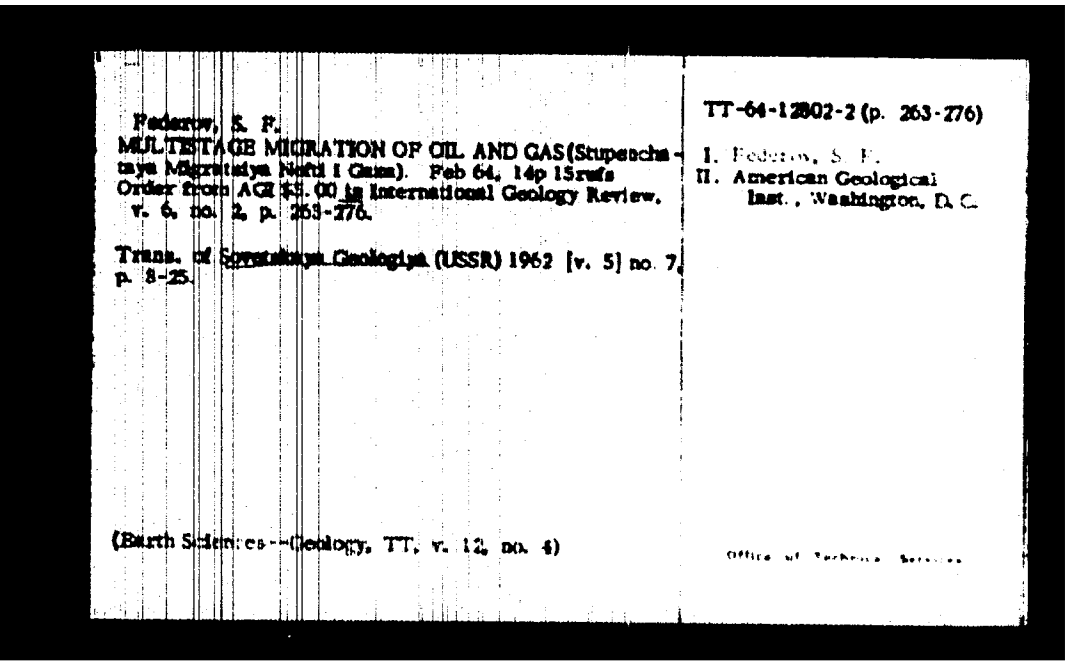

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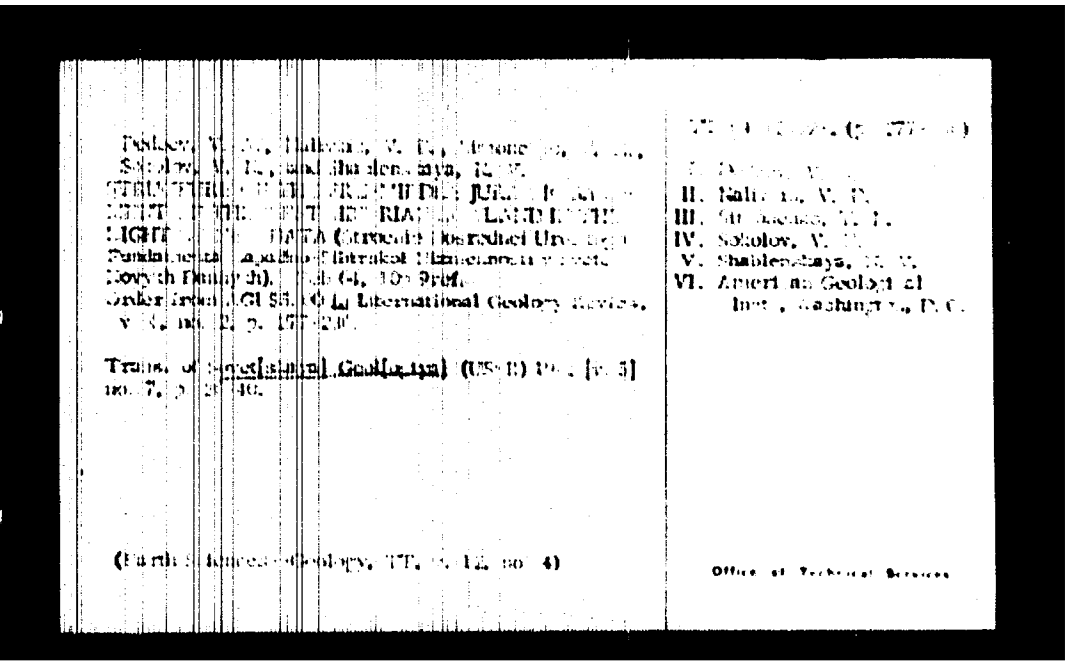

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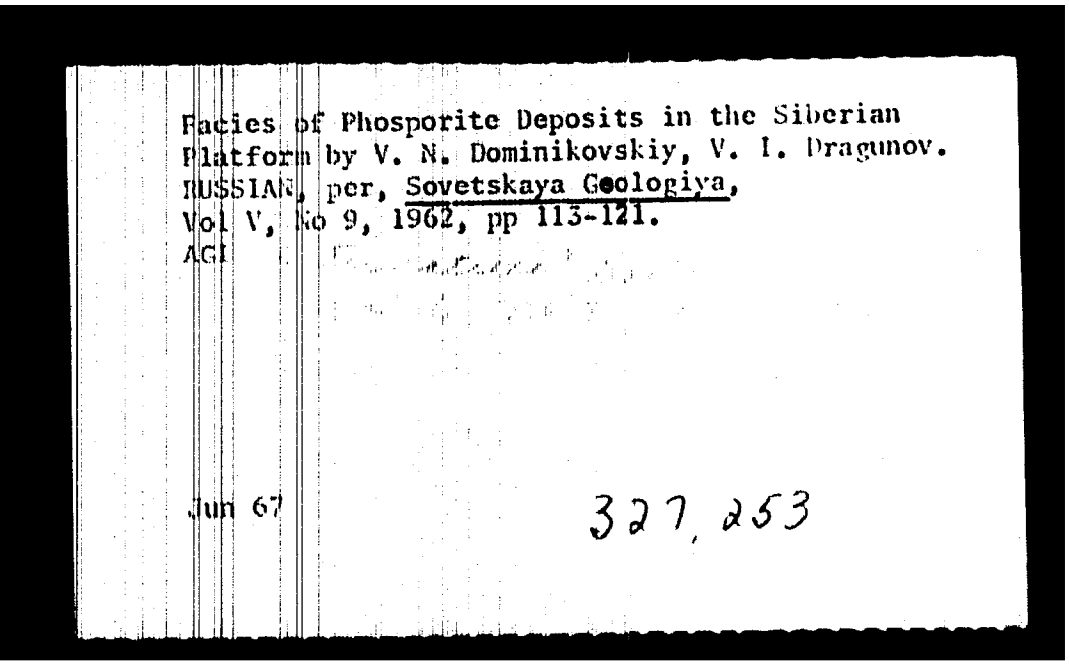

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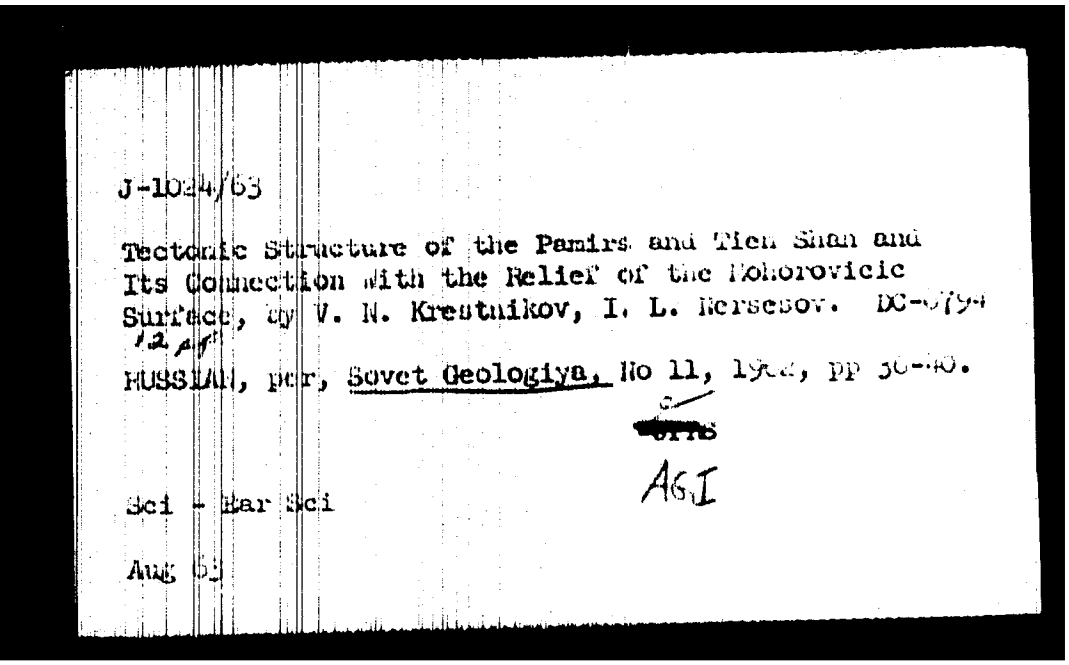

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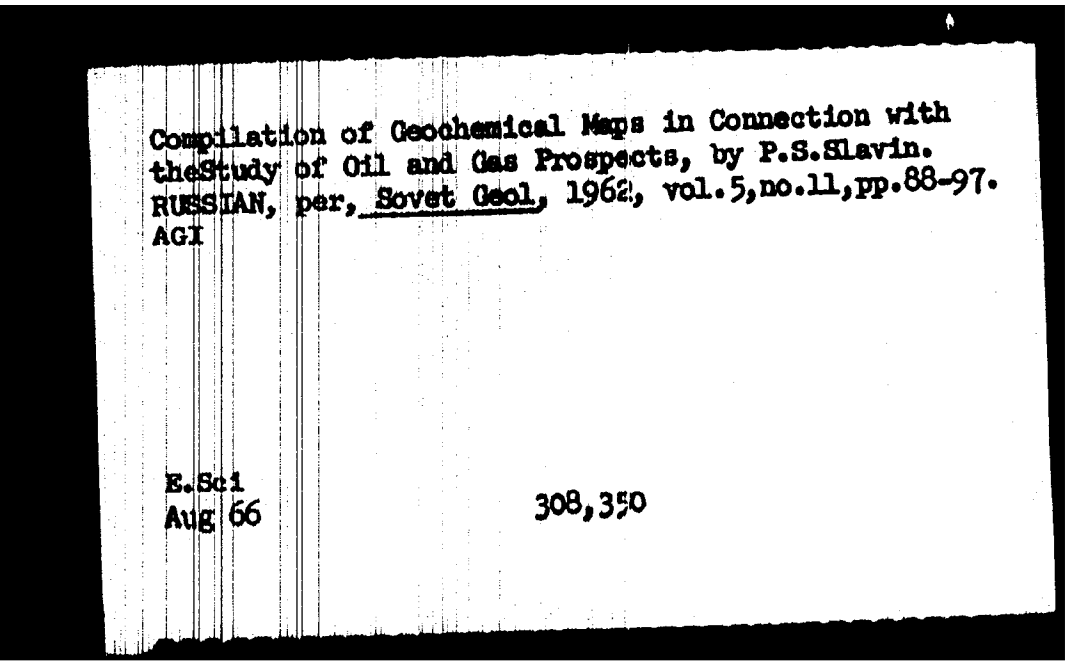

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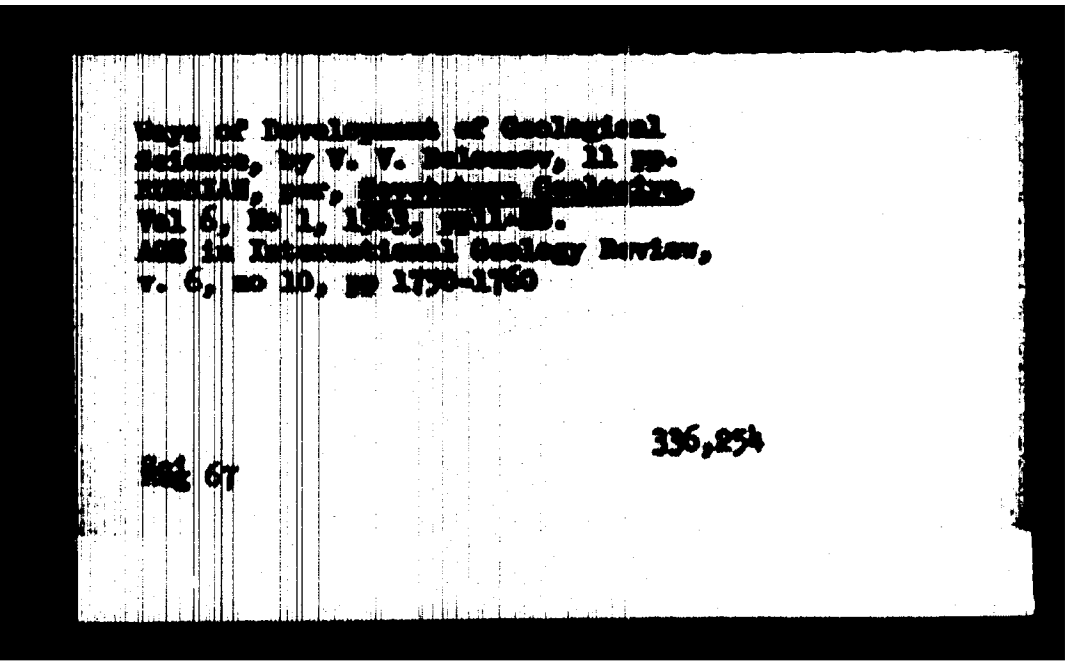

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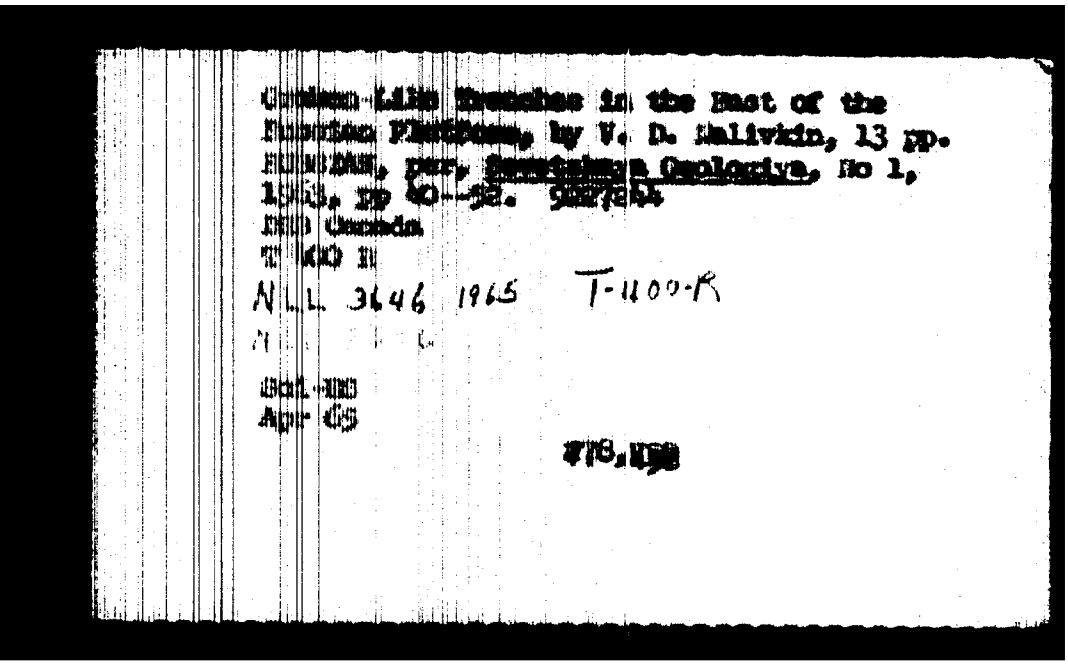

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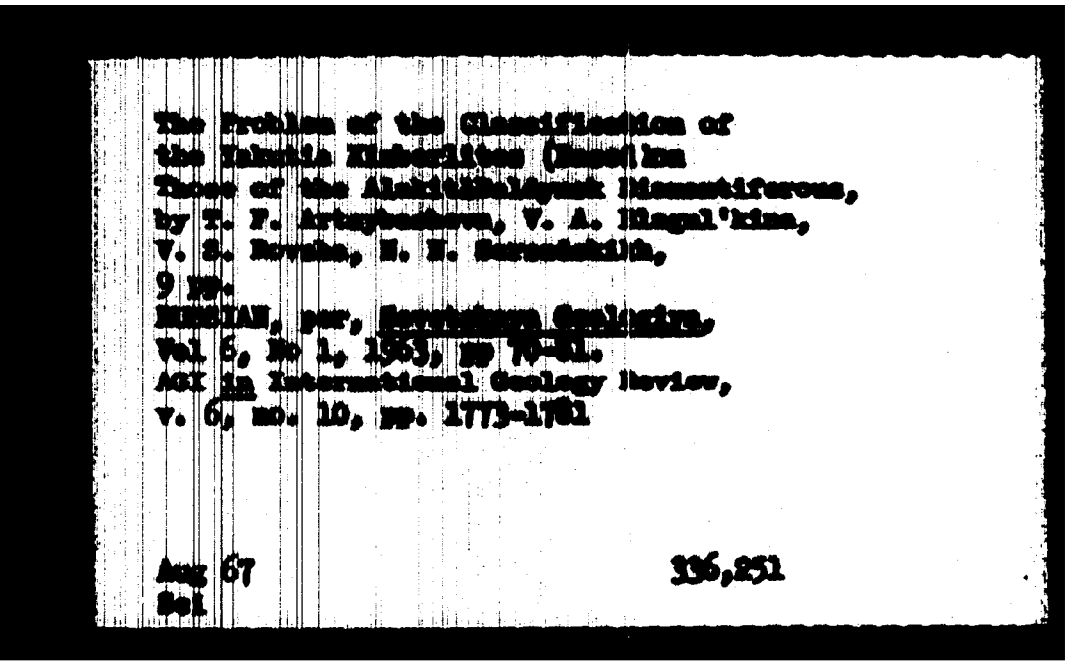

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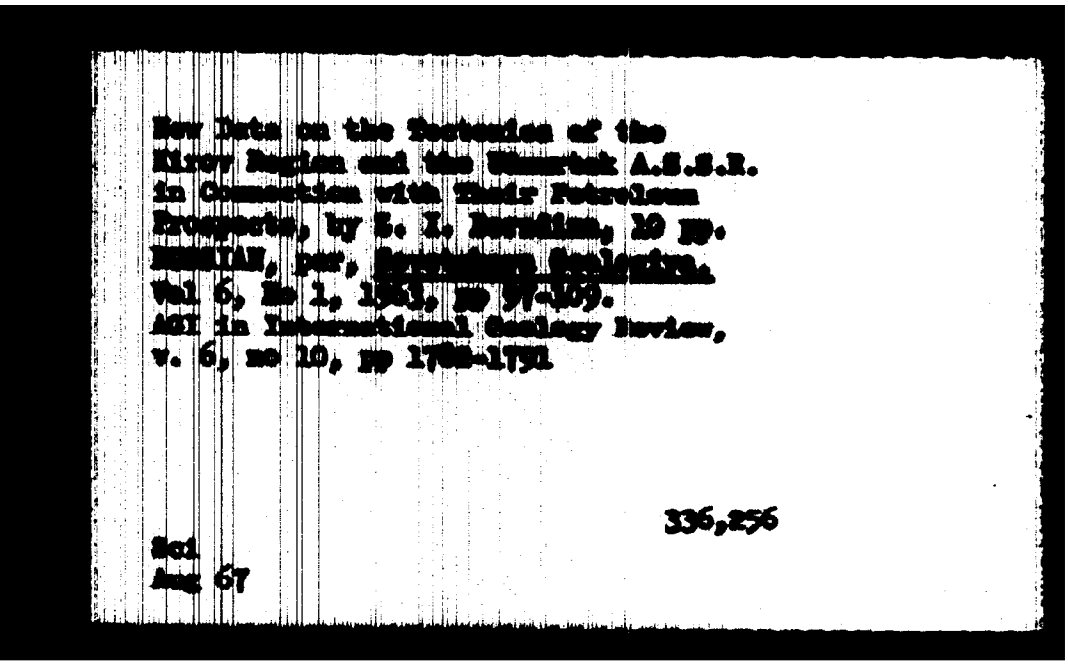

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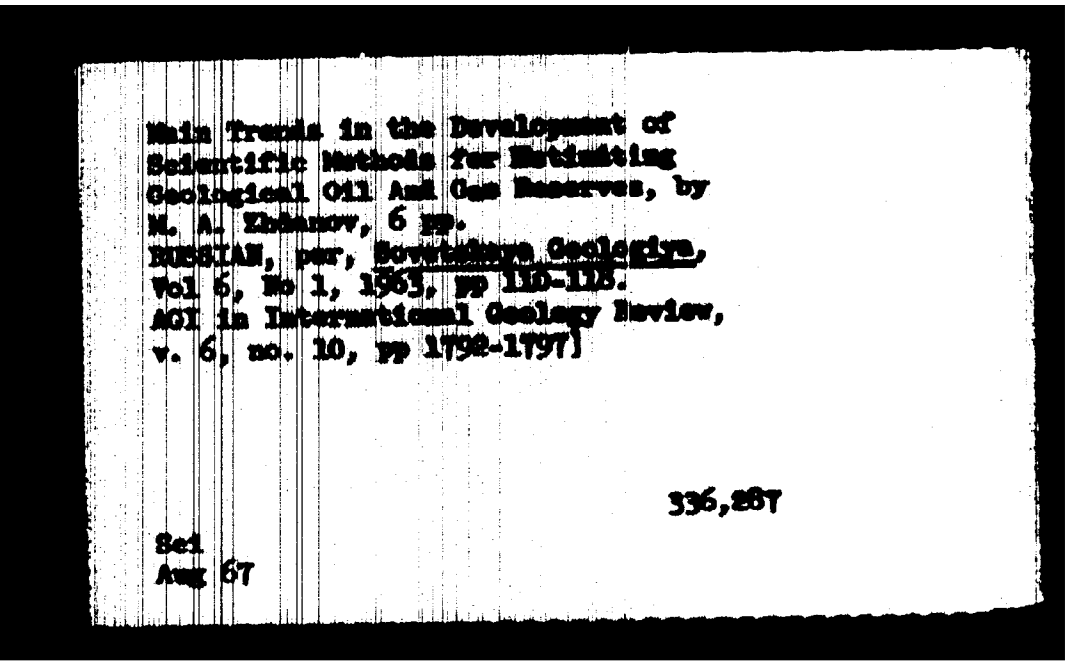

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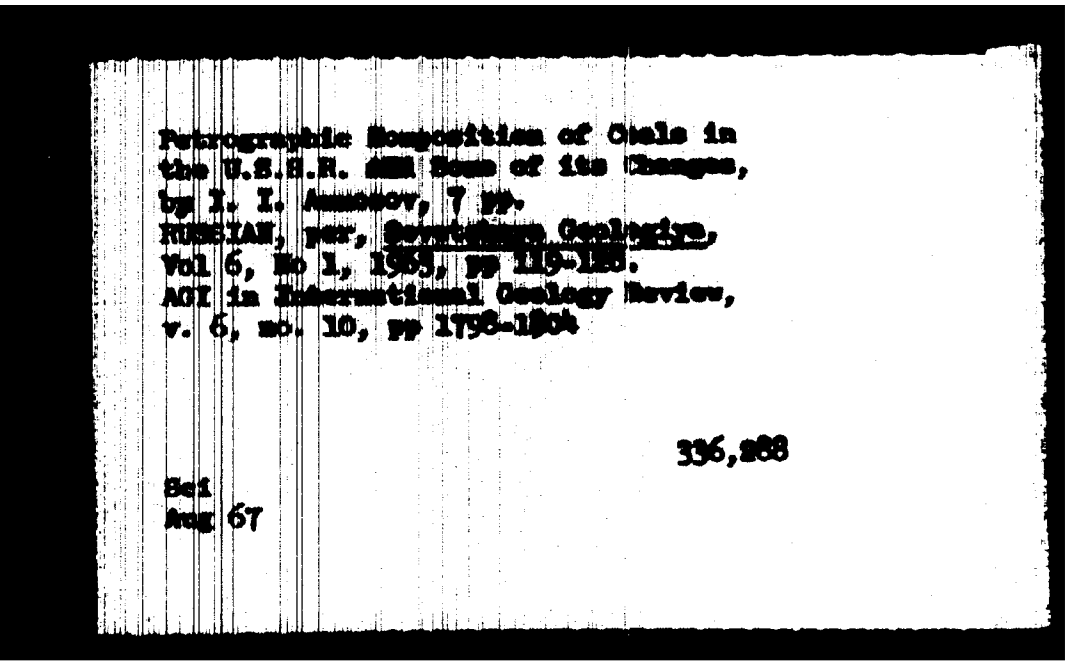

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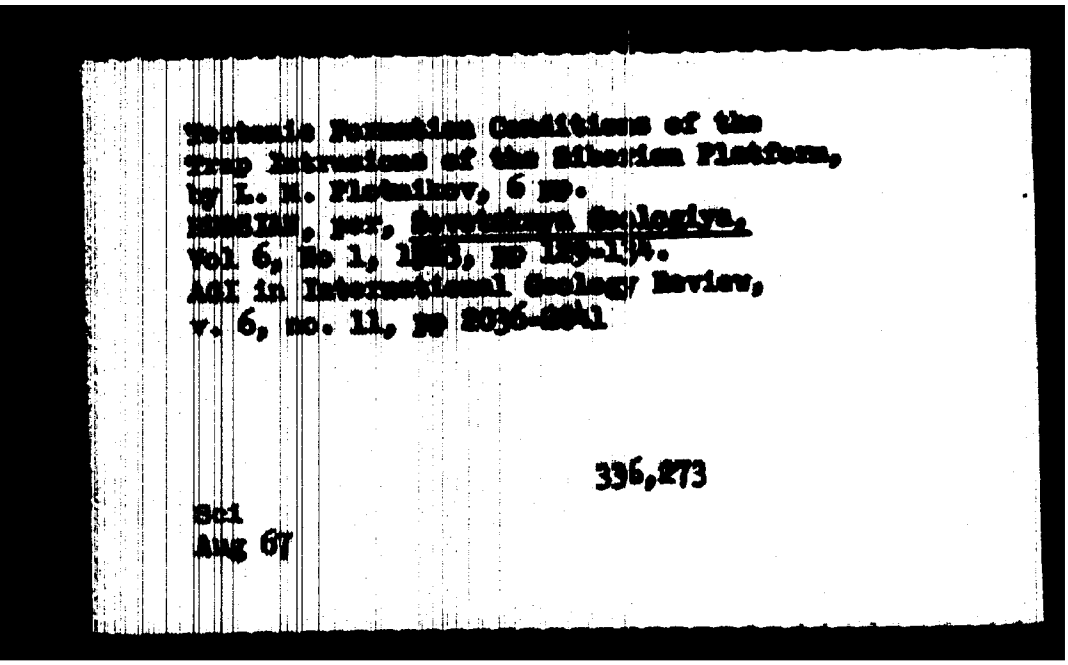

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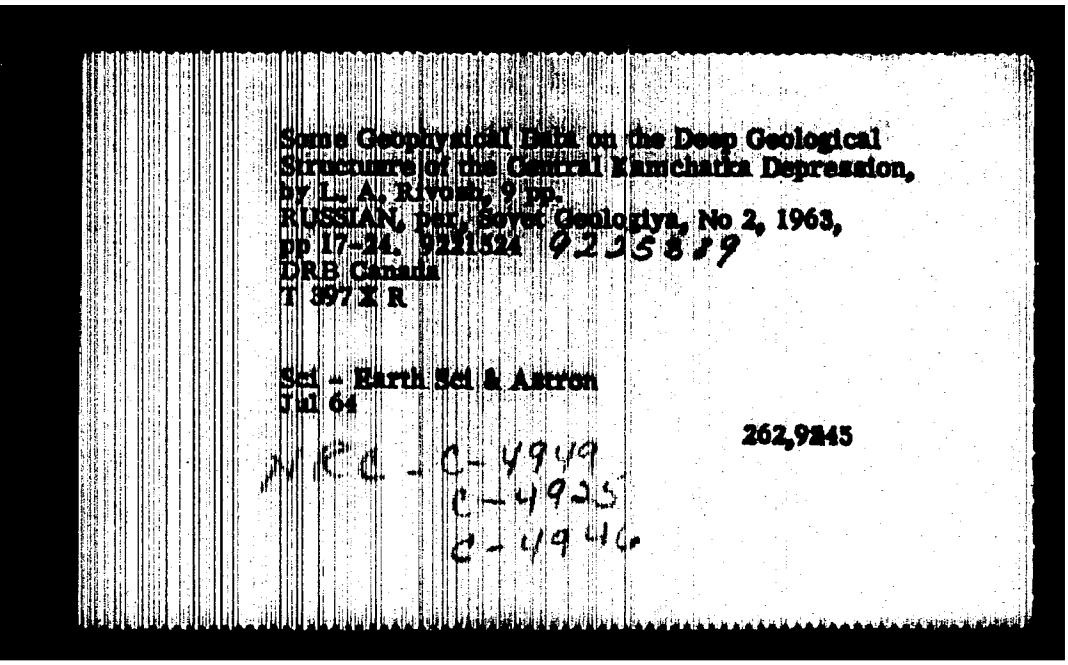

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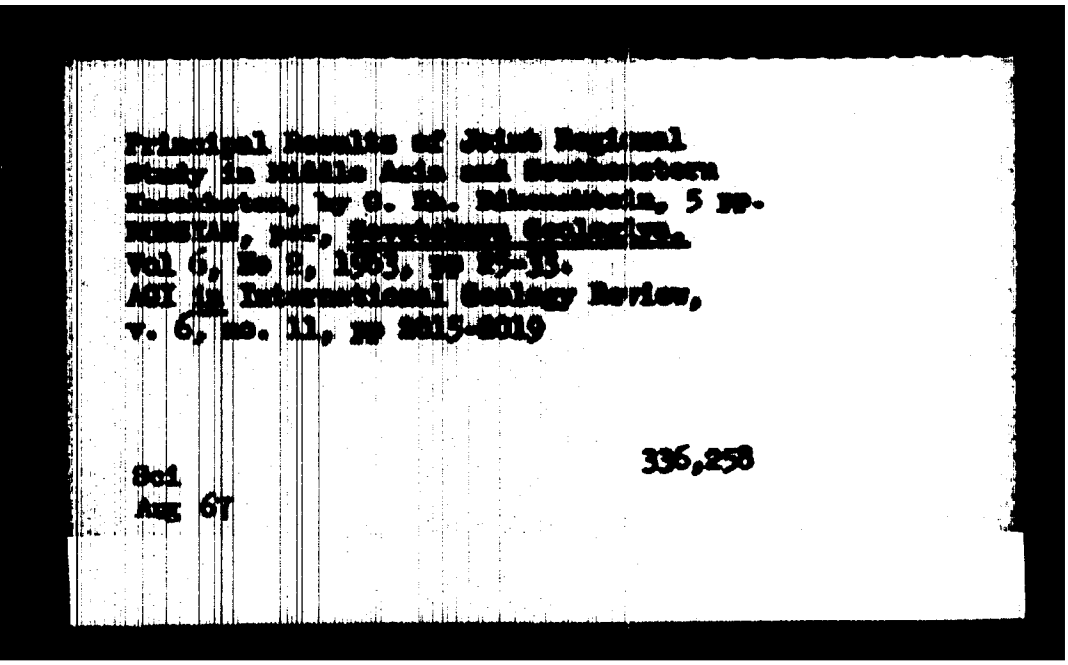

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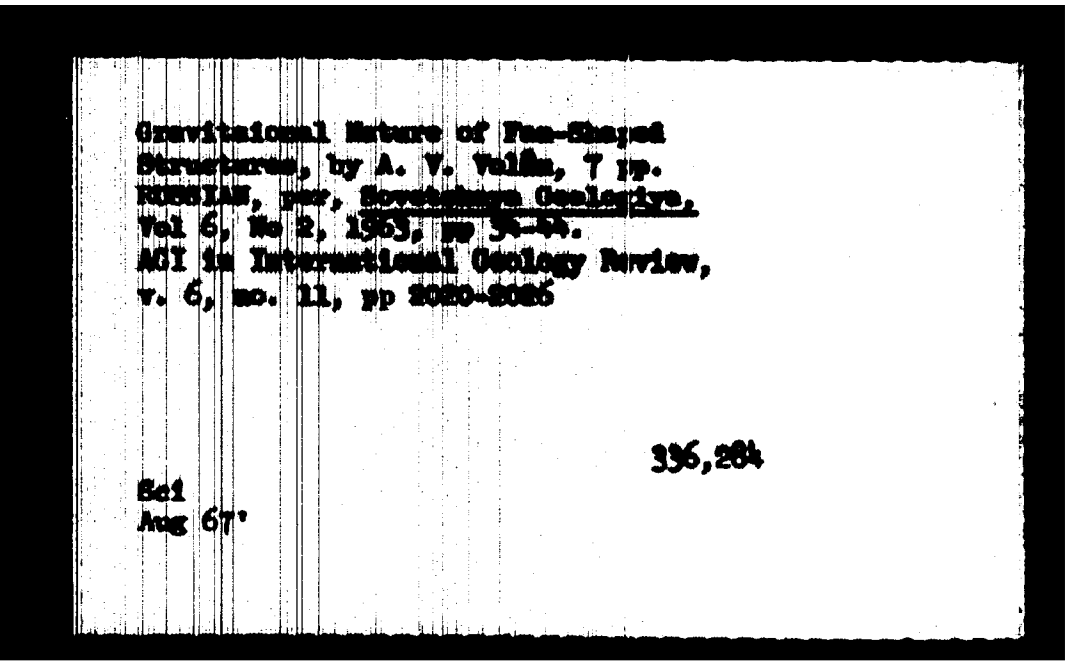

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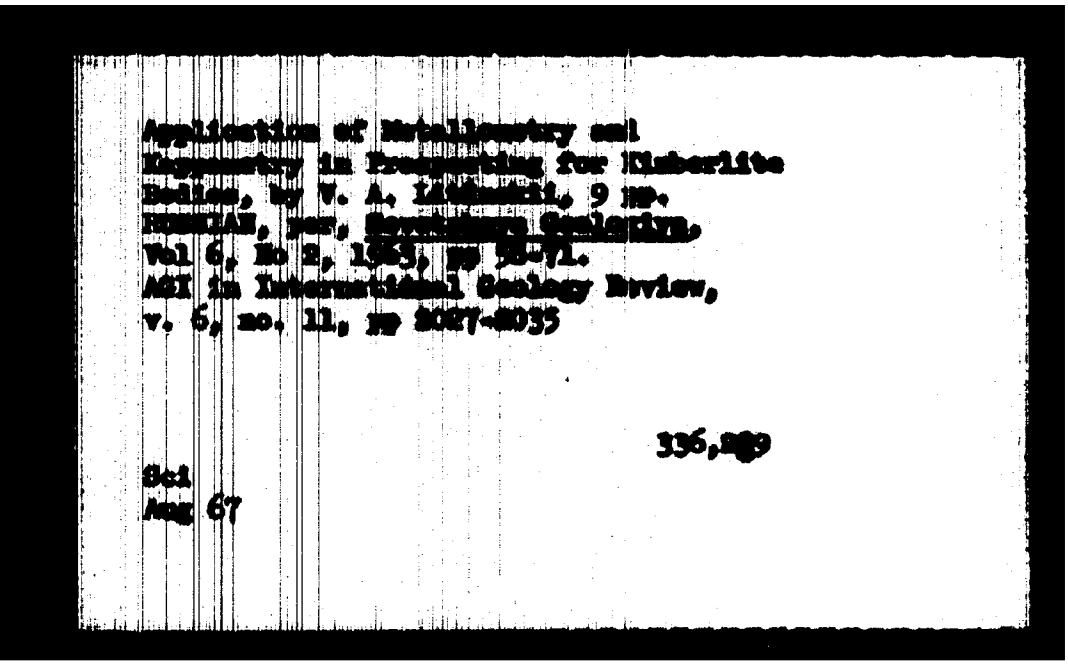

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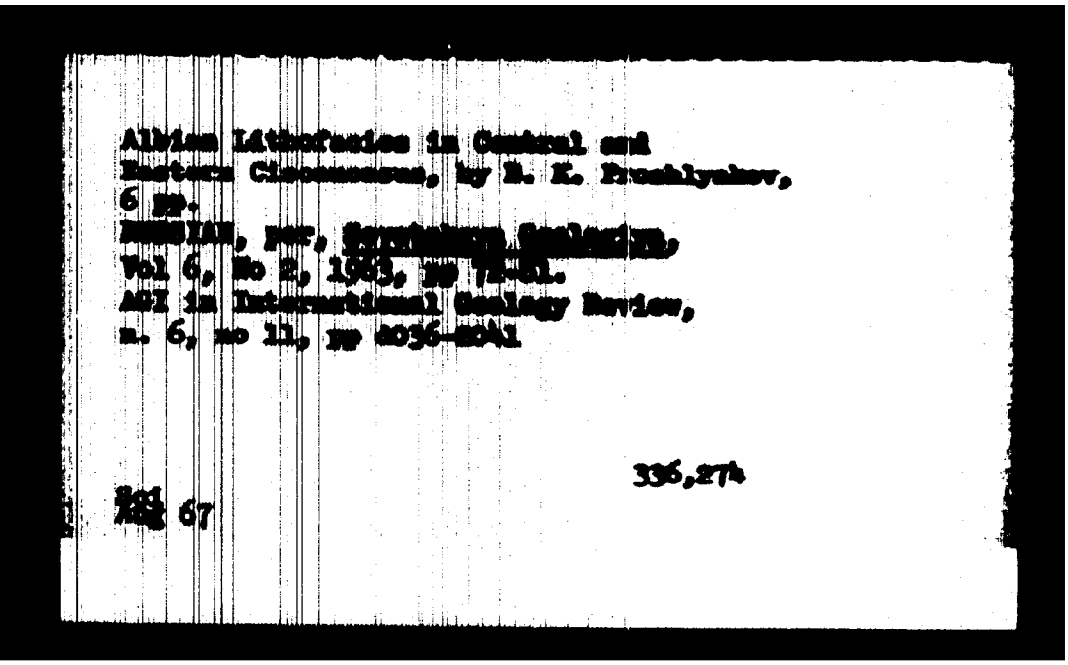

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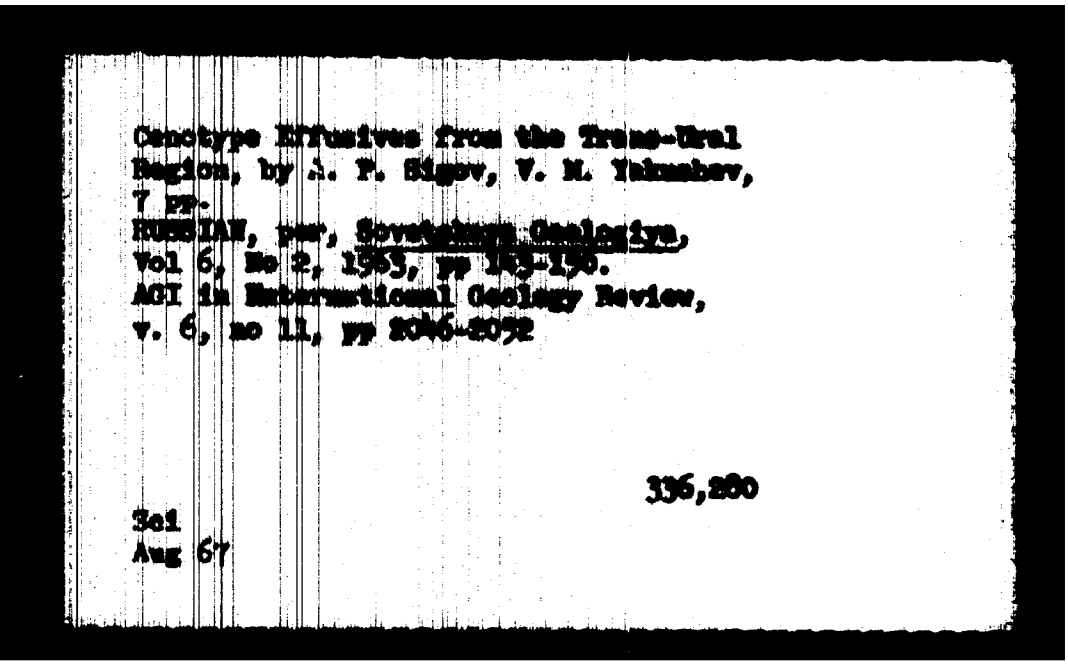

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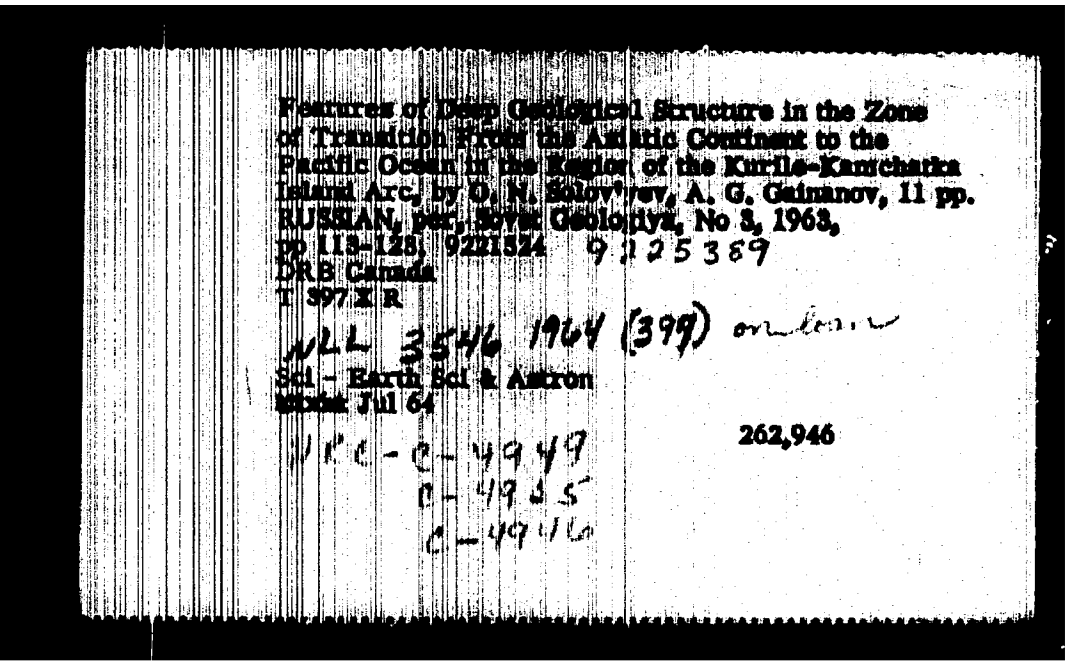

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